THE MASTER'S UNIVERSITY

2025 - 2026 ACADEMIC CATALOG

THE MASTER'S UNIVERSITY COMMITMENT TO SCRIPTURE

THE MASTER'S UNIVERSITY IS COMMITTED TO SCRIPTURE, OUR MISSION, AND OUR PURPOSE

The mission of The Master's University is to empower students for a life of enduring commitment to Christ, biblical fidelity, moral integrity, intellectual growth, and lasting contribution to the Kingdom of God worldwide.

Notice of Non-Discrimination

The Master's University operates in compliance with all applicable federal and state anti-discrimination laws, and is committed to providing a learning and living environment that promotes student safety, transparency, personal integrity, civility, and mutual respect. The Master's University has received approval of the regulatory exemption available under Title IX, 34 C.F.R. Section 106.12. The statutory exemption is self-executing as set forth in 20 U.S.C. Section 1681(a)(3).

The Master's University is also exempt from the non-discrimination restrictions in California Education Code Section 66270 (the "Act"), in accordance with Section 66271 of the Act, to the extent such restrictions are not consistent with the religious tenets of the institution. As an educational institution controlled by a religious organization within the meaning of Title IX, The Master's University is exempt from the application of Title IX and the Act to the extent such regulations are not consistent with the institution's religious tenets.

The activities from which The Master's University is exempt are comprised of the following:

- Policies regarding student recruitment and admissions prohibitions on the basis of sex.
- Policies regarding rules of behavior, sanctions, or other treatment.
- Policies regarding limitation of rights, privileges, advantages, or opportunities.
- Policies regarding all shared private spaces (i.e. residence halls, restrooms, locker rooms).
- Policies regarding athletics.
- Policies regarding employment, including pre-employment inquiries, recruitment, and discrimination in employment for pregnancy leave, childbirth, termination of pregnancy, sexual orientation, and gender identity.
- Policies regarding pregnancy and marital status.

The following person has been designated to handle inquiries regarding the University's compliance:

KIMBERLY WILSON *Title IX Coordinator*
21726 PLACERITA CANYON ROAD, SANTA CLARITA, CA 91321 661.362.2844
TitleIXCoordinator@masters.edu.

Academic Calendar

Visit masters.edu/academic-calendar.

Traditional Undergraduate

Fall 2025 Academic Calendar

Semester Begins	09/01/2025
Labor Day – No Classes	09/01/2025
Day of Prayer	09/23/2025
Fall Break	10/16/2025 – 10/17/2025
Engage Day – No Classes	11/07/2025
Thanksgiving Break – No Classes	11/24/2025 – 11/28/2025
Final Exam Week	12/15/2025 – 12/18/2025
Semester Ends	12/21/2025

Winter 2026 Academic Calendar

Semester Begins	01/07/2026
Semester Ends	01/13/2026

Spring 2026 Academic Calendar

Semester Begins	01/19/2026
MLK Holiday – No Classes	01/19/2026
Reading Day – No Classes	02/10/2026
Spring Break – No Classes	03/9/2026 – 03/13/2026
Good Friday – No Classes	04/03/2026
Senior Test Day (**NO classes morning & afternoon** – Evening: ***YES***)	04/08/2026
Reading Day (**NO classes morning & afternoon** – Evening: ***YES***)	04/14/2026
Final Exam Week	05/04/2026 – 05/07/2026
Semester Ends	05/10/2026

Post-Session 2026 Academic Calendar

Semester Begins	05/11/2026
Semester Ends	06/26/2026

Online Undergraduate and Graduate

Fall 2025

Semester starts | Session 1 starts	09/01/2025
Session 1 ends	10/26/2025
Session 2 starts	10/27/2025
Semester ends | Session 2 ends	12/21/2025

Spring 2026

Semester starts | Session 1 starts	01/19/2026
Session 1 ends	03/15/2026
Session 2 starts	03/16/2026
Semester ends | Session 2 ends	05/10/2026

Summer 2026

Semester starts | Session 1 starts	05/11/2026
Session 1 ends	07/05/2026
Session 2 starts	07/06/2026
Semester ends | Session 2 ends	08/30/2026

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THE MASTER'S UNIVERSITY

For Christ and Scripture

Mission Statement

The mission of The Master's University is to empower students for a life of enduring commitment to Christ, biblical fidelity, moral integrity, intellectual growth, and lasting contribution to the Kingdom of God worldwide.

Students are expected to demonstrate their commitment to:

Christ, as evidenced by:

- Acceptance and acknowledgement of Jesus Christ as Lord and Savior
- Unreserved worship of God
- Pursuit of Christ-likeness in word, deed, and attitude

Biblical Fidelity, as evidenced by:

- Willingness to defend inerrancy, authority, and sufficiency of the Scriptures
- Devotion to the study and application of the Scriptures

Moral Integrity, as evidenced by:

- A commitment to personal holiness in full obedience of Scripture
- The practice of honesty, courtesy, and civility toward all persons
- A lifetime of wholesomeness and moderation that regards the body as the temple of the Holy Spirit

Intellectual Growth, as evidenced by:

- The commitment to learning and desire for inquiry that leads to truth
- Development of habits of careful analysis and evaluation of information and ideas
- A thoughtful interaction with the full range of disciplines comprising the Christian liberal arts, including an appreciation and respect for the arts, an understanding of diverse cultures, an increasing command of spoken and written languages, and a functional grasp of the sweep of human history

A Life of Lasting Contribution, as evidenced by:

- Service and leadership within the local church
- An unashamed proclamation of the gospel of Christ
- The building of a godly family
- A strong work ethic as a testimony of Christian life and practice
- A continuing development of personal gifts and abilities to reach one's full potential

Accreditation & Associations

The Master's University is accredited to award bachelor's and master's degrees by the Senior College and University Commission of the:

Western Association of Schools and Colleges
985 Atlantic Avenue, Suite 100
Alameda, CA 94501
510-748-9001

The National Association of Schools of Music is the national accrediting agency for music and music-related disciplines. Membership certifies that The Master's University has met the Association's standards for music degrees and verifies the quality of the music program on a national level.

The Master's University Teaching Credential Programs are accredited by the California Commission on Teacher Credentialing.

Membership in the Association of Christian Schools International provides The Master's University with programs and services that aid our educational ministry.

As a member of the Association on Higher Education and Disability, The Master's University is committed to promoting equal opportunity and access to our academic programs and events for the disabled community.

Legal Notices

While every effort is made to provide accurate and up-to-date information, the university reserves the right to change without notice statements in the catalog concerning policies, academic offerings, rules of conduct, and charges for tuition, room, and/or board, etc.

The appropriate catalog, along with bulletins and student handbooks, determines student rights and duties with respect to the university. Matriculation constitutes an agreement by the student to abide by the rules, regulations, and policies of The Master's University.

Accreditation materials may be reviewed in the Department of Academic Affairs.

The Master's University does not discriminate on the basis of race, color, national origin, ancestry, gender, age, marital status, medical condition, veteran status, or any physical or mental disability for either employment or in any of the educational programs or activities it conducts. We are committed to practicing principles of equal opportunity and diversity in employment and admissions based upon sovereign biblical principles. In conformance with various regulations, The Master's University requires individuals (whether applicants or students) to identify specific requests for reasonable accommodations that may be necessary due to the existence of a qualified disability. Questions regarding discrimination or disabled student services should be addressed to:

TMU Student Disability Services
21726 Placerita Canyon Road, Box #23
Santa Clarita, CA 91321-1200

Introducing The Master's University

Doctrinal Statement

THE HOLY SCRIPTURES

We teach that the Bible is God's written revelation to man, and thus the 66 books of the Bible given to us by the Holy Spirit constitute the plenary (inspired equally in all parts) Word of God (1 Corinthians 2:7-14; 2 Peter 1:20-21).

We teach that the Word of God is an objective, propositional revelation (1 Thessalonians 2:13; 1 Corinthians 2:13), verbally inspired in every word (2 Timothy 3:16), absolutely inerrant in the original documents, infallible, and God-breathed. We teach the literal, grammatical-historical interpretation of Scripture, which affirms the belief that the opening chapters of Genesis present creation in six literal days (Genesis 1:31; Exodus 31:17), describe the special creation of man and woman (Genesis 1:26-28, 2:5-25), and define marriage as between one man and one woman (Genesis 2:24; Matthew 19:5). Scripture elsewhere dictates that any sexual activity outside of marriage is an abomination before the Lord (Exodus 20:14; Leviticus 18:1-30; Matthew 5:27-32, 19:1-9; 1 Corinthians 5:1-5, 6:9-10; 1 Thessalonians 4:1-7).

We teach that the Bible constitutes the only infallible rule of faith and practice (Matthew 5:18, 24:35; John 10:35, 16:12-13, 17:17; 1 Corinthians 2:13; 2 Timothy 3:15-17; Hebrews 4:12; 2 Peter 1:20-21).

We teach that God spoke in His written Word by a process of dual authorship. The Holy Spirit so superintended the human authors that, through their individual personalities and different styles of writing, they composed and recorded God's Word to man (2 Peter 1:20-21) without error in whole or in part (Matthew 5:18; 2 Timothy 3:16).

We teach that, whereas there may be several applications of any given passage of Scripture, there is but one true interpretation. The meaning of Scripture is to be found as one diligently applies the literal grammatical-historical method of interpretation under the enlightenment of the Holy Spirit (John 7:17, 16:12-15; 1 Corinthians 2:7-15; 1 John 2:20). It is the responsibility of believers to ascertain carefully the true intent and meaning of Scripture, recognizing that proper application is binding on all generations. Yet the truth of Scripture stands in judgment of men; never do men stand in judgment of it.

GOD

We teach that there is but one living and true God (Deuteronomy 6:4; Isaiah 45:5-7; 1 Corinthians 8:4), an infinite, all-knowing Spirit (John 4:24), perfect in all His attributes, one in essence, eternally existing in three Persons—Father, Son, and Holy Spirit (Matthew 28:19; 2 Corinthians 13:14)—each equally deserving worship and obedience.

God the Father. We teach that God the Father, the first person of the Trinity, orders and disposes all things according to His own purpose and grace (Psalm 145:8-9; 1 Corinthians 8:6). He is the creator of all things (Genesis 1:1-31; Ephesians 3:9). As the only absolute and omnipotent ruler in the universe, He is sovereign in creation, providence, and redemption (Psalm 103:19; Romans 11:36). His fatherhood involves both His designation within the Trinity and His relationship with mankind. As Creator, He is Father to all men (Ephesians 4:6), but He is spiritual Father only to believers (Romans 8:14; 2 Corinthians 6:18). He has decreed for His own glory all things that come to pass (Ephesians 1:11). He continually upholds, directs, and governs all creatures and events (1 Chronicles 29:11).

In His sovereignty He is neither author nor approver of sin (Habakkuk 1:13; John 8:38-47), nor does He abridge the accountability of moral, intelligent creatures (1 Peter 1:17). He has graciously chosen from eternity past those whom He would have as His own (Ephesians 1:4-6); He saves from sin all who come to Him through Jesus Christ; He adopts as His own all those who come to Him; and He becomes, upon adoption, Father to His own (John 1:12; Romans 8:15; Galatians 4:5; Hebrews 12:5-9).

God the Son. We teach that Jesus Christ, the second person of the Trinity, possesses all the divine excellencies, and in these He is coequal, consubstantial, and coeternal with the Father (John 10:30, 14:9).

We teach that God the Father created "the heavens and the earth and all that is in them" according to His own will, through His Son, Jesus Christ, by whom all things continue in existence and in operation (John 1:3; Colossians 1:15-17; Hebrews 1:2).

We teach that in the incarnation (God becoming man) Christ surrendered only the prerogatives of deity but nothing of the divine essence, either in degree or kind. In His incarnation, the eternally existing second person of the Trinity accepted all the essential characteristics of humanity and so became the God-man (Philippians 2:5-8; Colossians 2:9).

We teach that Jesus Christ represents humanity and deity in indivisible oneness (Micah 5:2; John 5:23, 14:9-10; Colossians 2:9).

We teach that our Lord Jesus Christ was born of a virgin (Isaiah 7:14; Matthew 1:23, 25; Luke 1:26-35), that He was God incarnate (John 1:1, 14), and that the purpose of the incarnation was to reveal God and to redeem men (Psalm 2:7-9; Isaiah 9:6; John 1:29; Philippians 2:9-11; Hebrews 7:25-26; 1 Peter 1:18-19).

We teach that, in the incarnation, the second person of the Trinity laid aside His right to the full prerogatives of coexistence with God, assumed the place of a Son, and took on an existence appropriate to a servant while never divesting Himself of His divine attributes (Philippians 2:5-8).

We teach that our Lord Jesus Christ accomplished our redemption through the shedding of His blood and sacrificial death on the cross and that His death was voluntary, vicarious, substitutionary, propitiatory, and redemptive (John 10:15; Romans 3:24-25, 5:8; 1 Peter 2:24).

We teach that on the basis of the efficacy of the death of our Lord Jesus Christ, the believing sinner is freed from the punishment, the penalty, the power, and one day the very presence of sin; and that he is declared righteous, given eternal life, and adopted into the family of God (Romans 3:25, 5:8-9; 2 Corinthians 5:14-15; 1 Peter 2:24, 3:18).

We teach that our justification is made sure by His literal, physical resurrection from the dead and that He is now ascended to the right hand of the Father, where He mediates as our Advocate and High Priest (Matthew 28:6; Luke 24:38-39; Acts 2:30-31; Romans 4:25, 8:34; Hebrews 7:25, 9:24; 1 John 2:1).

We teach that in the resurrection of Jesus Christ from the grave, God confirmed the deity of His Son and gave proof that God has accepted the atoning work of Christ on the cross. Jesus' bodily resurrection is also the guarantee of a future resurrection life for all believers (John 5:26-29, 14:19; Romans 1:4, 4:25, 6:5-10; 1 Corinthians 15:20, 23).

We teach that Jesus Christ will return to receive the church, which is His body, unto Himself at the rapture and, returning with His church in glory, will establish His millennial kingdom on earth (Acts 1:9-11; 1 Thessalonians 4:13-18; Revelation 20).

We teach that the Lord Jesus Christ is the one through whom God will judge all mankind (John 5:22-23):

a. Believers (1 Corinthians 3:10-15; 2 Corinthians 5:10)
b. Living inhabitants of the earth at His glorious return (Matthew 25:31-46)
c. Unbelieving dead at the Great White Throne (Revelation 20:11-15).

As the mediator between God and man (1 Timothy 2:5), the head of His body the church (Ephesians 1:22, 5:23; Colossians 1:18), and the coming universal King who will reign on the throne of David (Isaiah 9:6; Luke 1:31-33), He is the final judge of all who fail to place their trust in Him as Lord and Savior (Matthew 25:14-46; Acts 17:30-31).

God the Holy Spirit. We teach that the Holy Spirit is a divine person, eternal, underived, possessing all the attributes of personality and deity including intellect (1 Corinthians 2:10-13), emotions (Ephesians 4:30), will (1 Corinthians 12:11), eternality (Hebrews 9:14), omnipresence (Psalm 139:7-10), omniscience (Isaiah 40:13-14), omnipotence (Romans 15:13), and truthfulness (John 16:13). In all the divine attributes He is coequal and consubstantial with the Father and the Son (Matthew 28:19; Acts 5:3-4, 28:25-26; 1 Corinthians 12:4-6; 2 Corinthians 13:14; Jeremiah 31:31-34 with Hebrews 10:15-17).
We teach that it is the work of the Holy Spirit to execute the divine will with relation to all mankind. We recognize His sovereign activity in creation (Genesis 1:2), the incarnation (Matthew 1:18), the written revelation (2 Peter 1:20-21), and the work of salvation (John 3:5-7).

We teach that a unique work of the Holy Spirit in this age began at Pentecost when He came from the Father as promised by Christ (John 14:16-17, 15:26) to initiate and complete the building of the body of Christ, which is His church (1 Corinthians 12:13). The broad scope of His divine activity includes convicting the world of sin, of righteousness, and of judgment; glorifying the Lord Jesus Christ; and transforming believers into the image of Christ (John 16:7-9; Acts 1:5, 2:4; Romans 8:29; 2 Corinthians 3:18; Ephesians 2:22).

We teach that the Holy Spirit is the supernatural and sovereign agent in regeneration, baptizing all believers into the body of Christ (1 Corinthians 12:13). The Holy Spirit also indwells, sanctifies, instructs, empowers them for service, and seals them unto the day of redemption (Romans 8:9; 2 Corinthians 3:6; Ephesians 1:13).

We teach that the Holy Spirit is the divine teacher Who guided the apostles and prophets into all truth as they committed to writing God's revelation, the Bible. Every believer possesses the indwelling presence of the Holy Spirit from the moment of salvation, and it is the duty of all those born of the Spirit to be filled with (controlled by) the Spirit (John 16:13; Romans 8:9; Ephesians 5:18; 2 Peter 1:19-21; 1 John 2:20, 27).

We teach that the Holy Spirit administers spiritual gifts to the church. The Holy Spirit glorifies neither Himself nor His gifts by ostentatious displays, but He does glorify Christ by implementing His work of redeeming the lost and building up believers in the most holy faith (John 16:13-14; Acts 1:8; 1 Corinthians 12:4-11; 2 Corinthians 3:18).

We teach, in this respect, that God the Holy Spirit is sovereign in the bestowing of all His gifts for the perfecting of the saints today and that speaking in tongues and the working of sign miracles in the beginning days of the church were for the purpose of pointing to and authenticating the apostles as revealers of divine truth, and were never intended to be characteristic of the lives of believers (1 Corinthians 12:4-11, 13:8-10; 2 Corinthians 12:12; Ephesians 4:7-12; Hebrews 2:1-4).

MAN

We teach that man was directly and immediately created by God in His image and likeness. Man was created free of sin with a rational nature, intelligence, volition, self-determination, and moral responsibility to God (Genesis 2:7, 15-25; James 3:9). Man was also created by God as either male or female, biologically defined and distinct sexes (Genesis 1:27, 2:5-23; 1 Corinthians 11:11-15; Romans 1:26-27) set by God for each individual (Psalm 119:13-14). Confusion between the two is an abomination to Him (Leviticus 8:22; Deuteronomy 22:5; Romans 1:26-27; 1 Corinthians 6:9).

We teach that God's intention in the creation of man was that man should glorify God, enjoy God's fellowship, live his life in the will of God, and by this accomplish God's purpose for man in the world (Isaiah 43:7; Colossians 1:16; Revelation 4:11).

We teach that in Adam's sin of disobedience to the revealed will and Word of God, man lost his innocence, incurred the penalty of spiritual and physical death, became subject to the wrath of God, and became inherently corrupt and utterly incapable of choosing or doing that which is acceptable to God apart from divine grace. With no recuperative powers to enable him to recover himself, man is hopelessly lost. Man's salvation is thereby wholly of God's grace through the redemptive work of our Lord Jesus Christ (Genesis 2:16-17, 3:1-19; John 3:36; Romans 3:23, 6:23; 1 Corinthians 2:14; Ephesians 2:1-3; 1 Timothy 2:13-14; 1 John 1:8).

We teach that because all men were in Adam, a nature corrupted by Adam's sin has been transmitted to all men of all ages, Jesus Christ being the only exception. All men are thus sinners by nature, by choice, and by divine declaration (Psalm 14:1-3; Jeremiah 17:9; Romans 3:9-18, 23; 5:10-12).

SALVATION

We teach that salvation is wholly of God by grace on the basis of the redemption of Jesus Christ, the merit of His shed blood, and not on the basis of human merit or works (John 1:12; Ephesians 1:7, 2:8-10; 1 Peter 1:18-19).

Regeneration. We teach that regeneration is a supernatural work of the Holy Spirit by which the divine nature and divine life are given (John 3:3-7; Titus 3:5). It is instantaneous and is accomplished solely by the power of the Holy Spirit through the instrumentality of the Word of God (John 5:24), when the repentant sinner, as enabled by the Holy Spirit, responds in faith to the divine provision of salvation.

Genuine regeneration is manifested by fruits worthy of repentance as demonstrated in righteous attitudes and conduct. Good works will be its proper evidence and fruit (1 Corinthians 6:19-20; Ephesians 2:10) and will be experienced to the extent that the believer submits to the control of the Holy Spirit in his life through faithful obedience to the Word of God (Ephesians 5:17-21; Philippians 2:12b; Colossians 3:16; 2 Peter 1:4-10). This obedience causes the believer to be increasingly conformed to the image of our Lord Jesus Christ (2 Corinthians 3:18). Such a conformity is climaxed in the believer's glorification at Christ's coming (Romans 8:17; 2 Peter 1:4; 1 John 3:2-3).

Election. We teach that election is the act of God by which, before the foundation of the world, He chose in Christ those whom He graciously regenerates, saves, and sanctifies (Romans 8:28-30; Ephesians 1:4-11; 2 Thessalonians 2:13; 2 Timothy 2:10; 1 Peter 1:1-2).

We teach that sovereign election does not contradict or negate the responsibility of man to repent and trust Christ as Savior and Lord (Ezekiel 18:23, 32; 33:11; John 3:18-19, 36; 5:40; Romans 9:22-23; 2 Thessalonians 2:10-12; Revelation 22:17). Nevertheless, since sovereign grace includes the means of receiving the gift of salvation as well as the gift itself, sovereign election will result in what God determines. All whom the Father calls to Himself will come in faith and all who come in faith the Father will receive (John 6:37-40, 44; Acts 13:48; James 4:8).

We teach that the unmerited favor that God grants to totally depraved sinners is not related to any initiative of their own part nor to God's anticipation of what they might do by their own will, but is solely of His sovereign grace and mercy (Ephesians 1:4-7; Titus 3:4-7; 1 Peter 1:2).

We teach that election should not be looked upon as based merely on abstract sovereignty. God is truly sovereign but He exercises this sovereignty in harmony with His other attributes, especially His omniscience, justice, holiness, wisdom, grace, and love (Romans 9:11-16). This sovereignty will always exalt the will of God in a manner totally consistent with His character as revealed in the life of our Lord Jesus Christ (Matthew 11:25-28; 2 Timothy 1:9).

Justification. We teach that justification before God is an act of God (Romans 8:33) by which He declares righteous those who, through faith in Christ, repent of their sins (Luke 13:3; Acts 2:38, 3:19, 11:18; Romans 2:4; 2 Corinthians 7:10; Isaiah 55:6-7) and confess Him as sovereign Lord (Romans 10:9-10; 1 Corinthians 12:3; 2 Corinthians 4:5; Philippians 2:11). This righteousness is apart from any virtue or work of man (Romans 3:20, 4:6) and involves the placing of our sins on Christ (Colossians 2:14; 1 Peter 2:24) and the imputation of Christ's righteousness to us (1 Corinthians 1:30; 2 Corinthians 5:21). By this means God is enabled to "be just, and the justifier of the one who has faith in Jesus" (Romans 3:26).

Sanctification. We teach that every believer is sanctified (set apart) unto God by justification and is therefore declared to be holy and is identified as a saint. This sanctification is positional and instantaneous and should not be confused with progressive sanctification. This sanctification has to do with the believer's standing, not his present walk or condition (Acts 20:32; 1 Corinthians 1:2, 30; 6:11; 2 Thessalonians 2:13; Hebrews 2:11; 3:1; 10:10, 14; 13:12; 1 Peter 1:2).

We teach that there is also by the work of the Holy Spirit a progressive sanctification by which the state of the believer is brought closer to the standing the believer positionally enjoys through justification. Through obedience to the Word of God and the empowering of the Holy Spirit, the believer is able to live a life of increasing holiness in conformity to the will of God, becoming more and more like our Lord Jesus Christ (John 17:17, 19; Romans 6:1-22; 2 Corinthians 3:18; 1 Thessalonians 4:3-4, 5:23).

In this respect, we teach that every saved person is involved in a daily conflict—the new creation in Christ doing battle against the flesh—but adequate provision is made for victory through the power of the indwelling Holy Spirit. The struggle nevertheless stays with the believer all through this earthly life and is never completely ended. All claims to the eradication of sin in this life are unscriptural. Eradication of sin is not possible, but the Holy Spirit does provide for victory over sin (Galatians 5:16-25; Ephesians 4:22-24; Philippians 3:12; Colossians 3:9-10; 1 Peter 1:14-16; 1 John 3:5-9).

Security. We teach that all the redeemed once saved are kept by God's power and are thus secure in Christ forever (John 5:24, 6:37-40, 10:27-30; Romans 5:9-10; 8:1, 31-39; 1 Corinthians 1:4-8; Ephesians 4:30; Hebrews 7:25, 13:5; 1 Peter 1:5; Jude 24).

We teach that it is the privilege of believers to rejoice in the assurance of their salvation through the testimony of God's Word, which, however, clearly forbids the use of Christian liberty as an occasion for sinful living and carnality (Romans 6:15-22, 13:13-14; Galatians 5:13, 25-26; Titus 2:11-14).

Separation. We teach that separation from sin is clearly called for throughout the Old and New Testaments, and that the Scriptures clearly indicate that in the last days apostasy and worldliness shall increase (2 Corinthians 6:14-7:1; 2 Timothy 3:1-5).

We teach that out of deep gratitude for the undeserved grace of God granted to us and because our glorious God is so worthy of our total consecration, all the saved should live in such a manner as to demonstrate our adoring love to God and so as not to bring reproach upon our Lord and Savior. We also teach that separation from any association with religious apostasy and worldly and sinful practices is commanded of us by God (Romans 12:1-2; 1 Corinthians 5:9-13; 2 Corinthians 6:14-7:1; 1 John 2:15-17; 2 John 9-11).

We teach that believers should be separated unto our Lord Jesus Christ (2 Thessalonians 1:11-12; Hebrews 12:1-2) and affirm that the Christian life is a life of obedient righteousness demonstrated by a beatitude attitude (Matthew 5:2-12) and a continual pursuit of holiness (Romans 12:1-2; 2 Corinthians 7:1; Hebrews 12:14; Titus 2:11-14; 1 John 3:1-10).

THE CHURCH

We teach that all who place their faith in Jesus Christ are immediately placed by the Holy Spirit into one united spiritual body, the church (1 Corinthians 12:12-13), the bride of Christ (2 Corinthians 11:2; Ephesians 5:23-32; Revelation 19:7-8), of which Christ is the head (Ephesians 1:22, 4:15; Colossians 1:18).

We teach that the formation of the church, the body of Christ, began on the day of Pentecost (Acts 2:1-21, 38-47) and will be completed at the coming of Christ for His own at the rapture (1 Corinthians 15:51-52; 1 Thessalonians 4:13-18).

We teach that the church is thus a unique spiritual organism designed by Christ, made up of all born-again believers in this present age (Ephesians 2:11-3:6). The church is distinct from Israel (1 Corinthians 10:32), a mystery not revealed until this age (Ephesians 3:1-6, 5:32).

We teach that the establishment and continuity of local churches is clearly taught and defined in the New Testament Scriptures (Acts 14:23, 27; 20:17, 28; Galatians 1:2; Philippians 1:1; 1 Thessalonians 1:1; 2 Thessalonians 1:1) and that the members of the one scriptural body are directed to associate themselves together in local assemblies (1 Corinthians 11:18-20; Hebrews 10:25).

We teach that the one supreme authority for the church is Christ (1 Corinthians 11:3; Ephesians 1:22; Colossians 1:18) and that church leadership, gifts, order, discipline, and worship are all appointed through His sovereignty as found in the Scriptures. The biblically designated officers serving under Christ and over the assembly are elders (males, who are also called bishops, pastors, and pastor-teachers; Acts 20:28; Ephesians 4:11) and deacons, both of whom must meet biblical qualifications (1 Timothy 3:1-13; Titus 1:5-9; 1 Peter 5:1-5).

We teach that these leaders rule as servants of Christ (1 Timothy 5:17-22) and have His authority in directing the church. The congregation is to submit to their leadership (Hebrews 13:7, 17).

We teach the importance of discipleship (Matthew 28:19-20; 2 Timothy 2:2), mutual accountability of all believers to each other (Matthew 18:5-14), as well as the need for discipline of sinning members of the congregation in accord with the standards of Scripture (Matthew 18:15-22; Acts 5:1-11; 1 Corinthians 5:1-13; 2 Thessalonians 3:6-15; 1 Timothy 1:19-20; Titus 1:10-16).

We teach the autonomy of the local church, free from any external authority or control, with the right of self-government and freedom from the interference of any hierarchy of individuals or organizations (Titus 1:5). We teach that it is scriptural for true churches to cooperate with each other for the presentation and propagation of the faith. Local churches, however, through their pastors and their interpretation and application of Scripture, should be the sole judges of the measure and method of their cooperation (Acts 15:19-31, 20:28; 1 Corinthians 5:4-7, 13; 1 Peter 5:1-4).

We teach that the purpose of the church is to glorify God (Ephesians 3:21) by building itself up in the faith (Ephesians 4:13-16), by instruction of the Word (2 Timothy 2:2, 15; 3:16-17), by fellowship (Acts 2:47; 1 John 1:3), by keeping the ordinances (Luke 22:19; Acts 2:38-42), and by advancing and communicating the gospel to the entire world (Matthew 28:19; Acts 1:8, 2:42).

We teach the calling of all saints to the work of service (1 Corinthians 15:58; Ephesians 4:12; Revelation 22:12).

We teach the need of the church to cooperate with God as He accomplishes His purpose in the world. To that end, He gives the church spiritual gifts. First, He gives men chosen for the purpose of equipping the saints for the work of the ministry (Ephesians 4:7-12), and He also gives unique and special spiritual abilities to each member of the body of Christ (Romans 12:5-8; 1 Corinthians 12:4-31; 1 Peter 4:10-11).

We teach that there were two kinds of gifts given the early church: miraculous gifts of divine revelation and healing, given temporarily in the apostolic era for the purpose of confirming the authenticity of the apostles' message (Hebrews 2:3-4; 2 Corinthians 12:12), and ministering gifts, given to equip believers for edifying one another. With the New Testament revelation now complete, Scripture becomes the sole test of the authenticity of a man's message, and confirming gifts of a miraculous nature are no longer necessary to validate a man or his message (1 Corinthians 13:8-12). Miraculous gifts can even be counterfeited by Satan so as to deceive even believers (1 Corinthians 13:13-14:12; Revelation 13:13-14). The only gifts in operation today are those non-revelatory equipping gifts given for edification (Romans 12:6-8).

We teach that no one possesses the gift of healing today but that God does hear and answer the prayer of faith and will answer in accordance with His own perfect will for the sick, suffering, and afflicted (Luke 18:1-6; John 5:7-9; 2 Corinthians 12:6-10; James 5:13-16; 1 John 5:14-15).

We teach that two ordinances have been committed to the local church: baptism and the Lord's Supper (Acts 2:38-42). Christian baptism by immersion (Acts 8:36-39) is the solemn and beautiful testimony of a believer showing forth his faith in the crucified, buried, and risen Savior, and his union with Him in death to sin and resurrection to a new life (Romans 6: 1-11). It is also a sign of fellowship and identification with the visible body of Christ (Acts 2:41-42).

We teach that the Lord's Supper is the commemoration and proclamation of His death until He comes, and should be always preceded by solemn self-examination (1 Corinthians 11:28-32). We also teach that whereas the elements of communion are only representative of the flesh and blood of Christ, the Lord's Supper is nevertheless an actual communion with the risen Christ who is present in a unique way, fellowshipping with His people (1 Corinthians 10:16).

ANGELS

Holy Angels. We teach that angels are created beings and are therefore not to be worshiped. Although they are a higher order of creation than man, they are created to serve God and to worship Him (Luke 2:9-14; Hebrews 1:6-7, 14; 2:6-7; Revelation 5:11-14, 19:10, 22:9).

Fallen Angels. We teach that Satan is a created angel and the author of sin. He incurred the judgment of God by rebelling against his Creator (Isaiah 14:12-17; Ezekiel 28:11-19), by taking numerous angels with him in his fall (Matthew 25:41; Revelation 12:1-14), and by introducing sin into the human race by his temptation of Eve (Genesis 3:1-15).
We teach that Satan is the open and declared enemy of God and man (Isaiah 14:13-14; Matthew 4:1-11; Revelation 12:9-10), the prince of this world who has been defeated through the death and resurrection of Jesus Christ (Romans 16:20), and that he shall be eternally punished in the lake of fire (Isaiah 14:12-17; Ezekiel 28:11-19; Matthew 25:41; Revelation 20:10).

LAST THINGS (ESCHATOLOGY)

Death. We teach that physical death involves no loss of our immaterial consciousness (Revelation 6:9-11), that the soul of the redeemed passes immediately into the presence of Christ (Luke 23:43; Philippians 1:23; 2 Corinthians 5:8), that there is a separation of soul and body (Philippians 1:21-24), and that, for the redeemed, such separation will continue until the rapture (1 Thessalonians 4:13-17), which initiates the first resurrection (Revelation 20:4-6) when our soul and body will be reunited to be glorified forever with our Lord (Philippians 3:21; 1 Corinthians 15:35-44, 50-54). Until that time, the souls of the redeemed in Christ remain in joyful fellowship with our Lord Jesus Christ (2 Corinthians 5:8).

We teach the bodily resurrection of all men, the saved to eternal life (John 6:39; Romans 8:10-11, 19-23; 2 Corinthians 4:14), and the unsaved to judgment and everlasting punishment (Daniel 12:2; John 5:29; Revelation 20:13-15).

We teach that the souls of the unsaved at death are kept under punishment until the second resurrection (Luke 16:19-26; Revelation 20:13-15), when the soul and the resurrection body will be united (John 5:28-29). They shall then appear at the Great White Throne judgment (Revelation 20:11-15) and shall be cast into hell, the lake of fire (Matthew 25:41-46), cut off from the life of God forever (Daniel 12:2; Matthew 25:41-46; 2 Thessalonians 1:7-9).

The Rapture of the Church. We teach the personal, bodily return of our Lord Jesus Christ before the seven-year tribulation (1 Thessalonians 4:16; Titus 2:13) to translate His church from this earth (John 14:1-3; 1 Corinthians 15:51-53; 1 Thessalonians 4:15-5:11) and, between this event and His glorious return with His saints, to reward believers according to their works (1 Corinthians 3:11-15; 2 Corinthians 5:10).

The Tribulation Period. We teach that immediately following the removal of the church from the earth (John 14:1-3; 1 Thessalonians 4:13-18) the righteous judgments of God will be poured out upon an unbelieving world (Jeremiah 30:7; Daniel 9:27, 12:1; 2 Thessalonians 2:7-12; Revelation 16), and that these judgments will be climaxed by the return of Christ in glory to the earth (Matthew 24:27-31, 25:31-46; 2 Thessalonians 2:7-12). At that time the Old Testament and tribulation saints will be raised and the living will be judged (Daniel 12:2-3; Revelation 20:4-6). This period includes the seventieth week of Daniel's prophecy (Daniel 9:24-27; Matthew 24:15-31, 25:31-46).

The Second Coming and the Millennial Reign. We teach that after the tribulation period, Christ will come to earth to occupy the throne of David (Matthew 25:31; Luke 1:31-33; Acts 1:10-11, 2:29-30) and establish His Messianic kingdom for a thousand years on the earth (Revelation 20:1-7). During this time the resurrected saints will reign with Him over Israel and all the nations of the earth (Ezekiel 37:21-28; Daniel 7:17-22; Revelation 19:11-16). This reign will be preceded by the overthrow of the Antichrist and the False Prophet, and by the removal of Satan from the world (Daniel 7:17-27; Revelation 20:1-7).

We teach that the kingdom itself will be the fulfillment of God's promise to Israel (Isaiah 65:17-25; Ezekiel 37:21-28; Zechariah 8:1-17) to restore them to the land which they forfeited through their disobedience (Deuteronomy 28:15-68). The result of their disobedience was that Israel was temporarily set aside (Matthew 21:43; Romans 11:1-26) but will again be awakened through repentance to enter into the land of blessing (Jeremiah 31:31-34; Ezekiel 36:22-32; Romans 11:25-29).

We teach that this time of our Lord's reign will be characterized by harmony, justice, peace, righteousness, and long life (Isaiah 11, 65:17-25; Ezekiel 36:33-38) and will be brought to an end with the release of Satan (Revelation 20:7).

The Judgment of the Lost. We teach that following the release of Satan after the thousand-year reign of Christ (Revelation 20:7), Satan will deceive the nations of the earth and gather them to battle against the saints and the beloved city, at which time Satan and his army will be devoured by fire from heaven (Revelation 20:9). Following this, Satan will be thrown into the lake of fire and brimstone (Matthew 25:41; Revelation 20:10) whereupon Christ, who is the judge of all men (John 5:22), will resurrect and judge the great and small at the Great White Throne judgment.
We teach that this resurrection of the unsaved dead to judgment will be a physical resurrection, whereupon receiving their judgment, they will be committed to an eternal conscious punishment in the lake of fire (Matthew 25:41; Revelation 20:11-15).

Eternity. We teach that after the closing of the millennium, the temporary release of Satan, and the judgment of unbelievers (2 Thessalonians 1:9; Revelation 20:7-15), the saved will enter the eternal state of glory with God, after which the elements of this earth are to be dissolved (2 Peter 3:10) and replaced with a new earth wherein only righteousness dwells (Ephesians 5:5; Revelation 20:15, 21-22). Following this, the heavenly city will come down out of heaven (Revelation 21:2) and will be the dwelling place of the saints, where they will enjoy forever fellowship with God and one another (John 17:3; Revelation 21, 22). Our Lord Jesus Christ, having fulfilled His redemptive mission, will then deliver up the kingdom to God the Father (1 Corinthians 15:24-28) that in all spheres the triune God may reign forever and ever (1 Corinthians 15:28).

Clarifying Amendment to the Doctrinal Statement, May 2017

THE HOLY SCRIPTURES

We define marriage as between one man and one woman (Genesis 2:24; Matthew 19:5). Scripture elsewhere dictates that any sexual activity outside of marriage is an abomination before the Lord (Exodus 20:14; Leviticus 18:1-30; Matthew 5:27-32, 19:1-9; 1 Corinthians 5:1-5, 6:9-10; 1 Thessalonians 4:1-7).

DOCTRINE OF MAN

Man was also created by God as either male or female, biologically defined and distinct sexes (Genesis 1:27, 2:5-23; 1 Corinthians 11:11-15; Romans 1:26-27) set by God for each individual (Psalms 119:13-14). Confusion between the two is an abomination to Him (Leviticus 8:22; Deuteronomy 22:5; Romans 1:26-27; 1 Corinthians 6:9).

Statement on Life, Marriage, and Sexuality

We teach that God as Creator established life (Genesis 1:1, 26-28), marriage (Genesis 2:22-23; Matthew 19:4-6), and the moral implications therein (Genesis 2:24; Leviticus 18:1-30; Matthew 5:28; 1 Thessalonians 4:1-8). We teach this is exclusively, authoritatively, and sufficiently expressed in Scripture and that such definitions are universal truths which define reality and do not change (Psalms 19:8-15; 2 Timothy 3:16-17; John 17:17, Proverbs 8:22-36).

We teach that humans bear the image of God (Genesis 1:26-27, 9:6; James 3:9) and are such persons at conception (Psalms 139:13, 15; cf. Job 3:3) as directly recognized by God (Psalms 22:10; Isaiah 49:1; Jeremiah 1:5; Luke 1:41-44; Romans 9:10-11; Galatians 1:15). God does not differentiate between murder in or outside of the womb (Exodus 21:12, 22-24). Therefore, any form of abortion is murder, a defiant act against the God of life (John 5:26) and against children whom He cares about (Matthew

18:10) and gives as blessings (Psalms 127:3). We teach that those created in the image of God must be treated with dignity (Genesis 9:6; Luke 13:15-16; James 3:9) and that this must extend to these persons in the womb.

We teach that marriage was given by God as part of His common grace, and that it has no meaning other than as He has provided (Genesis 2:18-24). We teach that marriage is subject to the curse of the Fall, but this curse does not change the definition of marriage established at creation (Matthew 19:1-9). We teach that the term "marriage" has only one meaning and that is marriage sanctioned by God which joins one man and one woman in a single, exclusive union, as delineated in Scripture (Genesis 2:23-24). Believers, living in obedience to the Scripture and under the control of the Holy Spirit, can begin to experience peaceful, productive, and fulfilled marriage as intended by God (Genesis 3:16; 1 Peter 3:7).

We teach that the marriages of believers are to illustrate the loving relationship of Christ and His church, with the husband loving his wife as Christ loves the church and the wife responding to her husband's loving leadership as the church responds to Christ (Ephesians 5:18-33).

We teach that as believers' marriages are to illustrate Christ's relationship with His church, believers should choose to marry those who share their faith and regenerate life (2 Corinthians 6:14).

We teach that marriage is always a public, formal, and officially recognized covenant between a man and a woman. We teach that without such a covenant, which may include a "common law marriage" where valid in specific cases under pertinent law, prolonged conjugal cohabitation does not establish and is not equivalent to marriage (John 4:18). Biblically, such a relationship is fornication (1 Corinthians 6:9) requiring repentance of such behavior. We teach that where no such covenant exists or can be discerned between a cohabiting couple prior to coming to faith in Christ, family units should be preserved to the extent possible and, if otherwise appropriate, solemnization encouraged. We teach that where a valid marriage has been established prior to coming to faith in Christ, the couple should remain married (1 Corinthians 7:24).

We teach that God hates divorce, permitting it only where there has been unrepentant sexual sin (Malachi 2:14-16; Matthew 5:32, 19:9) or desertion by an unbeliever (1 Corinthians 7:12-15). We teach that remarriage is permitted to a faithful partner, but only when the divorce was on biblical grounds.

We teach that God intends sexual intimacy to occur only between a man and a woman who are married to each other. We teach that God has commanded that no intimate sexual activity be engaged in outside of a marriage between a man and a woman (Hebrews 13:4).

We teach that any form of sexual immorality, such as adultery, fornication, homosexuality, bisexual conduct, bestiality, incest, pedophilia, pornography, in desire or behavior (Matthew 5:28) is sinful and offensive to God. In addition, any attempt to change one's sex or disagreement with one's biological sex is sinful and offensive to God who ordained the sexes of male and female at creation (Genesis 1:26-28) and one's particular sex at conception (Leviticus 18:1-30; Deuteronomy 22:5; Matthew 5:8; Romans 1:26-29; 1 Corinthians 5:1, 6:9; 1 Thessalonians 4:1-8).

We teach that homosexuality, in particular, is subject to God's wrath of abandonment, is a matter of choice and not inherited status, and epitomizes man's ungrateful rebellion against God (Romans 1:18-28).

We teach that every person must be afforded compassion, love, kindness, respect, and dignity. Hateful and harassing behavior or attitudes directed toward any individual are to be repudiated and are not in accord with Scripture or the doctrines of the church. We teach that the faithful proclamation of the Scripture, including the call to repentance, does not constitute hate speech, or hateful and harassing behavior, but is instead a fundamental part of the church's loving mission to the world (Matthew 28:16-20; 2 Corinthians 5:11-20; 1 Timothy 1:5; 2 Timothy 4:1-2).

We teach that God offers redemption and forgiveness to all who confess and forsake their sin, including sexual sin, seeking His mercy and forgiveness through Jesus Christ. We teach that His forgiveness is total and complete (Psalms 103:11-12, 130:3-4; Isaiah 43:25, 44:22; John 5:24; Colossians 2:13-14) and that God imputes the full righteousness of Christ (2 Corinthians 5:21) to the believing sinner. We teach that the forgiven sinner has been cleansed from the guilt of sin, set apart unto God, or made holy, and justified before Him (1 Corinthians 6:9-11). We teach that any man or woman who has received that forgiveness is "in Christ" and is a "new creation" (2 Corinthians 5:17), able to persevere in and pursue a way of life that pleases the Lord by the power of the Spirit (Romans 8:10-15; 2 Corinthians 3:16; Philippians 2:13).

Philosophy of Education Statement

The Master's University is a comprehensive liberal arts and professional preparation institution, using biblically-centered curricula and co-curricular programs to educate maturing disciples of the Lord Jesus Christ. We affirm and teach that:

- Scripture provides the authoritative base of our curricula, and that each academic discipline must be evaluated from a biblical perspective. That which is in harmony with the Word of God is truth and that which contradicts it is in error. We exercise thoughtful Christian liberty where the Scripture permits it.
- There is no dichotomy between the sacred and secular; we treat the pursuit of education as an act of worship that honors and glorifies God.
- The goal of a liberal arts education is to prepare the whole person. We seek to instill in our students the knowledge, skills, and attitudes necessary for their chosen profession, while cultivating their spiritual growth, strengthening their moral character, and developing their abilities as citizens and leaders.

Philosophy of Spiritual Development

What The Master's University believes and teaches are not just theoretical concepts, but are actual guidelines for daily living. The paragraphs below describe how the doctrinal statement of the University gives guidance and direction to the faculty, staff, and students of TMU.

DIVINE AUTHORITY

Every expression and pursuit of the Christian life (renewing of the mind, prayer, worship, sanctification, evangelism, etc.) is empowered and experienced from Him, to Him, and through Him. We view student's comprehensive development under the direct oversight of divine authority. The interrelated biblical principles that define the Distinctive of Divine Authority are:

- **Sovereign Lordship**. Christ is sovereign Lord over all creation and reigns as the authoritative head of the church. As the mediator of the New Covenant, His comprehensive rule is the powerful authority by which a distinctive Christian life is experienced and directed. (Romans 11:36, 14:7-12; Ephesians 1:16-23; Colossians 3:15-17)
- **Sufficient Word.** Scripture is the Word of God to man and is sufficient to address everything pertaining to life and godliness without error or equal. It stands as the authoritative standard by which truth and error are both revealed and understood. Scripture alone is the authoritative revelation by which a distinctive Christian life is guided. (Psalm 19:7-11; 2 Timothy 3:16-17; 2 Peter 1:3-1; John 17:17)
- **Submissive Dependency.** Development of the whole student in community is a supernatural experience in the human condition. The Christian life is exclusively dependent upon the empowering grace of God to realize the submissive obedience required by divine authority. (John 14:16-17; Galatians 2:20-21; Titus 2:11-14; Philippians 2:9-13)

HEART TRANSFORMATION

A superficial change in external behavior is not the authenticating mark of a distinctively biblical life. The Master's University desires to see genuine change in the student's life that is sustainably rooted in the transformation of his or her intellect, affections, and resolve. By focusing on what the Bible describes as the heart, we can confidently exhort and encourage a student's comprehensive development without reverting to legalistic methodologies. The interrelated biblical principles that define the Distinctive of Heart Transformation are:

- **Lifestyle of Worship.** Our priorities and actions flow out of a heart of worship. Within the fellowship of believers, spiritual development is realized as the hearts of the people unite in worshiping the true God over counterfeit ones. This commitment views everything in life as an opportunity to glorify the Lord and find satisfaction in Him. (1 Corinthians 10:31; John 4:21-24; Deuteronomy 6:5; 1 Thessalonians 1:9-10)
- **Posture of Repentance.** Though our hearts are transformed at the moment of regeneration, the believer continues to grow in godliness through the process of progressive sanctification. The sanctification process includes a posture of repentance—turning away from sinful desires and actions and refocusing our affections on the one true God. The fruit of sanctification is seen in visible acts of obedience that flow from a heart that loves the Lord. (2 Corinthians 7:9-11; Psalm 51; 1 John 1:9-2:6; 1 Peter 1:22)
- **Continuum of Love.** There is a direct connection between a heart of love and the distinctive Christian life. Love is the greatest commandment, the foundational heart motivation for believers to know and experience all that is revealed in Scripture. (1 Corinthians 13:1-3; Matthew 22:34-40; 1 John 4:7-21; John 13:34-35)

SANCTIFYING RELATIONSHIPS

Relationships are the context in which a distinctively biblical life is cultivated and experienced. We reject hyper-individualism and promote a sanctified pursuit of friendships committed to mortifying sin while seeking personal holiness in everyday life. The interrelated biblical principles that define the Distinctive of Sanctifying Relationships are:

- Belonging Together. A distinctive Christian life is not lived in independent isolation. The people of God are characterized by their relational interconnectedness in spirit and life. Comprehensive student development that is distinctively biblical occurs within the context of relationships committed to experiencing the realities of the Christian life to God's glory. (1 Corinthians 12:12-31; Hebrews 10:24-25; Ephesians 2:14-21; Romans 12:1-8)
- Interpersonal Discipleship. The purpose of relationships in a believing community is to encourage one another towards Christ-likeness by the grace of God and according to His Word. This process of mutual sanctification occurs by interpersonal pursuit of one another to advance the knowledge of Christ into everyday life. (1 Corinthians 11:1; 2 Timothy 2:2; Titus 2:1-10; 1 Thessalonians 5:14)
- Confrontation-Restoration. Relationships focused on progressing in Christ-likeness includes the exhortation to mortify sinful dispositions and actions. The journey of confrontation of sin, repentance, and restoration cannot be excluded from the process of spiritual development in a believing community. (Matthew 18:15-20; Galatians 6:1-5; Colossians 3:16-17; Ephesians 4:15-16)

GOSPEL WITNESS

A distinctively biblical life has the primary purpose of reflecting and magnifying the redemptive work of Christ to the world. It is the responsibility of every believer to steward the truth of the Gospel in both word and deed. This commitment postures every student to proclaim the Truth to their generation within the context of God's unfolding plan of redemption. The interrelated biblical principles that define the Distinctive of Gospel Witness are:

- Servanthood. A distinctive Christian life moves sanctifying relationships beyond a right understanding of the gospel to good works of righteousness. A life committed to servanthood gives witness to the world the implications of the gospel in action. (Ephesians 2:10; Matthew 20:26-28; John 13:14-16; Ephesians 4:11-12)
- Local Church. The church is the institution the Lord has assigned to advance and give witness to the glories of the Gospel. The local church is the regional manifestation of the people of God and is to be cultivated and protected. (Matthew 16:18; Ephesians 1:22-23; 1 Timothy 3:14-15; 2 Corinthians 5:17-21; Romans 16:25-27)
- Global Mission. The Master's University promotes a comprehensive biblical worldview development in a believing community to advance the greater global community of faith as an exemplary light of redemption by which Christ would call sinful man to repentance. The mission of God is to call individuals from every tribe, tongue, and nation and we desire to promote that plan. (Genesis 12:1-3; Matthew 5:13-16; Matthew 28:18-20)

History of The Master's University

Our commitment to educate tomorrow's Christian leaders began more than 90 years ago. Today, The Master's University continues to train those who desire to serve in the pulpit or on the mission field as well as those who desire to make a difference for Christ's sake in commerce, industry, sciences, or the arts.

The school was founded on May 25, 1927, as Los Angeles Baptist Theological Seminary. In 1946, the Seminary became a graduate-level school and initiated a separate undergraduate liberal arts program. In May 1961, the school moved from its original location in downtown Los Angeles to the Placerita Canyon area of Newhall, California. The Seminary program separated from the undergraduate program in 1974 and relocated to Tacoma, Washington.

Under the leadership of Dr. John R. Dunkin, Los Angeles Baptist College (LABC) received its initial regional accreditation from the WASC Senior College and University Commission (WSCUC) in the spring of 1975. Early in 1985, Dr. Dunkin retired after 25 years as president of the College.

In May of that year, Dr. John F. MacArthur was appointed as his successor. At that time, the name of the school was changed from Los Angeles Baptist College to The Master's College (TMC). TMC quickly grew from a student enrollment of 305 in fall 1984 to 863 students in fall 1989, largely due to Dr. MacArthur's international reputation in the evangelical Christian community, and because of increased publicity for the College through his daily radio ministry. Fall 2010 was another landmark year for TMC, presenting the largest incoming class in the history of the College at the time. Even larger incoming classes were to follow in 2020 and 2021. Then, in May 2016, Dr. MacArthur announced that the Board of Directors had decided to change to school's name to The Master's University.

Dr. MacArthur transitioned from President to Chancellor in 2019, and Dr. John Stead, long-time faculty member and administrator, was appointed by the Board as Interim President. In 2020, the Board unanimously elected the University's fifth president Dr. Sam Horn, who came to TMU with extensive experience in Christian higher education.

In 2021, Dr. Abner Chou, John F. MacArthur Endowed Fellow and TMUS faculty member, was appointed Interim President. Dr. Chou's deep commitment to academic and theological excellence continues a tradition of biblical conviction, educational clarity, compelling leadership, and trusted ambassadorship.

TMU currently offers a wide range of traditional undergraduate degree programs in 16 fields of study, encompassing more than 70 distinct emphasis areas, and four online undergraduate degrees. An undergraduate award of achievement also is available for students desiring one year of intensive study in the Bible.

At the graduate level, the University offers fifth-year California Single Subject and Multiple Subject credential programs, Master of Arts degrees in Biblical Counseling (MABC) and Biblical Studies (MABS, online program, four emphases), a Master of Business Administration (MBA, online program), and a Master of Education (M.Ed., online program).

Under the leadership of Dr. Chou and continued spiritual guidance of Dr. MacArthur, the goal of the University is to bring students to biblical maturity and academic excellence through the collegiate learning process.

> "At The Master's University and Seminary, we focus on the Word of God. In the gospels, we see the Master educating His disciples before He sent them out. His methods have become our model for today." -Dr. MacArthur

The Master's University Campus

Nestled in oak-filled Placerita Canyon just 30 miles from downtown Los Angeles, The Master's University's campus consists of craftsman-style buildings that blend seamlessly with the tranquil, equestrian neighborhood.

Students reside in one of six dormitories which are near sand volleyball courts, a tennis court, a pool, and a disc golf course for recreation. The recent renovations of Sweazy and Dixon halls typify the direction of on-campus living, with each receiving upgrades to its façade, bathrooms, lobbies, hallways, and bedrooms.

The John R. Dunkin Student Center serves as a daily gathering spot, with a cafeteria and large balcony that allows for indoor-outdoor dining. Powell Library houses one of the nation's strongest collections of theological resources, along with materials that serve every area of study on campus. Connected to the library is Rutherford Hall, which houses our Welcome Center, the Legacy Center, and administrative offices.

Academic departments and their respective classrooms are in three areas of campus: North Campus, West Campus, and Main Campus. North Campus houses the Music Center, the English and History Center, the Business Center, and the Biblical Studies Center. West Campus hosts the Pearl C. Schaffer School of Education, the School of Online Education, the Engineering and Computer Science Center, and the Mechanical Engineering Lab. In addition to administrative buildings and student services, Main Campus holds the Reese Center for Science and Mathematics, the Kinesiology Department, the Sport Management Center, and the Communication Center.

Campus life also revolves around The MacArthur Center for chapel and events, Trophy Coffee for study areas and fellowship, and the Mustangs Athletic Complex, which includes Pete Reese Field, Lou Herwaldt Stadium, and the track and field jumps training center.

ADMISSION

The following admission policies and procedures apply to candidates seeking admission to any of the University's residential undergraduate programs. Requirements for all graduate and online programs are referred to later in this catalog.

The Master's University welcomes applications from students who are on a curriculum plan to complete their secondary (high school) education within the next 12 months. High school graduates and university students intending to transfer are also encouraged to apply. In selecting students, the University is drawn to those who present a strong academic record, have graduated from high school or the equivalent, articulate a clear testimony of faith in Jesus Christ, share a common theological perspective, and offer potential to contribute positively to the University community.

To assist in the admission and financial aid process (commonly referred to as enrollment), each applicant is assigned to an admissions counselor. Counselors are assigned to prospective students based on geography, the prospective student's major of interest, or other criteria (such as athletics). Biographical information for each counselor is available online at www.masters.edu/undergrad.

Admission Policies & Procedures

To be considered for admission to The Master's University, applicants must complete the steps listed below:

1. Submit a complete "Application for Undergraduate Admission," along with the appropriate processing fee. The application can be found at www.masters.edu/apply.
2. Arrange to have official transcripts of all high school and college work sent to the Admissions Office. In cases where an academic record has yet to be established, a mid-semester grade report is acceptable.
3. Provide a pastor recommendation. This recommendation should be given to the applicant's pastor, youth pastor, or fellowship leader. While letters of recommendation are helpful, they may not substitute for the required recommendation form. This recommendation will be emailed to the student's pastor when a student enters their pastor's email on their online application.
4. As an objective measure of academic preparedness and potential for college success, standardized college admission scores are recommended.

SAT, ACT, or CLT test scores are recommended and may be required for scholarship applications like the President's Scholarship. Test scores are optional for admission due to a lack of testing availability.

Scholastic Aptitude Test (SAT) scores will be based on Critical Reading and Math sub-tests. For those who prefer the American College Test (ACT), the writing exam is optional. The Master's University also accepts the Classic Learning Test (CLT) as an alternative to either the SAT or the ACT.

Applicants can arrange to have their exam results sent to The Master's University. To register, applicants should use the code 4411 for the SAT and 0303 for the ACT.

Applicants are invited to arrange a campus visit and/or counseling appointment by going to www.masters.edu/visit. It is not necessary to have an application on file to participate, and a meeting is not required for admission. Members of the Admissions team are available throughout the calendar year except during Winter Break. Please check the TMU website for school holidays, closures, or conflicts.

Grade Point Average

The Master's University uses both grade point averages (GPA) and standardized test scores (SAT I or ACT or CLT) to determine admission and financial aid eligibility. The Master's University maintains a policy of utilizing an applicant's GPA as it is reported on their official high school transcript. The University encourages applicants to pursue the most challenging courses possible. When multiple GPAs are presented, the University selects the academic (non-elective) GPA that best favors the student. By request, The Master's University will calculate a student's weighted GPA using the UC/CSU GPA guidelines.

Application Deadlines

The Master's University accepts applications until the beginning of the semester for which the prospective student is applying. However, those applicants who want to receive their financial aid package by December and ensure that funds are still available, should apply by **November 15** (Early Action Deadline).

Application Fees

Applications require a non-refundable processing fee of $40. Applicants facing financial hardship may submit a Fee Waiver Request available at www.masters.edu/downloads. The application fee is waived automatically for students who apply prior to the Early Action Deadline.

Admission Requirements

Early Action Applicants

Early Action is intended for applicants with strong academic records who have selected The Master's University as their first choice. Prospective students interested in Early Action should submit their application and supporting credentials no later than November 15. Applicants not admitted for Early Action will have their file reviewed once additional information is received.

Freshman Applicants

1. The applicant should be a high school senior or graduate with a minimum of eleven courses from grades 9 through 12 as follows:
   a. English – 4 years
   b. Mathematics – 3 years
   c. Science – 2 years
   d. History – 2 years
2. SAT, ACT, or CLT test scores are recommended and may be required for scholarship applications like the President's Scholarship. Test scores are optional for admission due to a lack of testing availability. These scores help assess preparedness for a collegiate workload.
3. The University may admit applicants who have not graduated from traditional high school. These applicants must present a satisfactory G.E.D. certificate, HiSET, (CHSPE) California High School Proficiency Examination and meet all other admission requirements.

Freshman Homeschooled Applicants

The Master's University welcomes applications from anyone who has been homeschooled for all or part of their high school education. The requirements for admission are listed below.

1. The applicant should have completed a high school curriculum as follows*:
   a. English – 4 units
   b. Mathematics – 3 units
   c. History – 2 units
   d. Science – 2 units
2. SAT, ACT, or CLT test scores are recommended and may be required for scholarship applications like the President's Scholarship. Test scores are optional for admission due to a lack of testing availability. These scores help assess preparedness for a collegiate workload.
3. The Master's University accepts transcripts produced by homeschooling parents, as well as transcripts provided by charter, cluster, or publishing organizations.

**One unit represents two semesters or one school year.*

The following format should be used when submitting a homeschool transcript. Beginning with Grade 9, the transcript should include the following information:

- Course title (i.e., Algebra I, English 10, etc.)
- Grade earned – when providing grade information, be sure to provide a scale that shows the relationship between percentages and earned letter grades, even if percentages are recorded.
- Credit earned – the standard measure for awarding credit is the Carnegie Unit, which awards one (1) credit for completion of a full-year course that holds daily classes.

Curricula vary from one home-schooling program to another. Applicants should provide a written explanation of the curriculum used and the educator's teaching methods. The following information should be included with the applicant's transcript:

- Who is ultimately responsible for setting up curriculum and selecting materials?
- What type of curriculum and materials did the educator(s) use?
- Who was responsible for providing instruction?
- Were tutors used in some areas and not in others?
- Who recorded grades and how?
- What type of independent, standardized testing was used to measure the student's progress against a larger population?

Some homeschooled applicants may finish their high school education at an accelerated pace and be ready to attend The Master's University at an earlier age than their public or private high school counterparts. The University retains the right to defer an applicant's entrance until such a time as it deems appropriate.

See School of Online for online admissions.
See Graduate Program Policies for graduate admissions.

Transfer Applicants

An individual will be classified as a transfer student if he/she has completed 24 or more semester units (36 or more quarter units) of transferable college coursework at the time of application to TMU. College-level units earned prior to high school graduation (including dual enrollment units and credit-by-examination) are not counted toward this total. Students desiring to transfer must file an application for admission and submit official copies of all college transcripts regardless of their intent to receive credit.

Students who wish to transfer to TMU from another college or university but have not completed 24 post-high school semester units (36 quarter units) at the time of application, will be considered freshmen with prior college credit. This will not affect such students' eligibility for admission; however, it will require them to submit their official high school transcript containing their high school GPA, along with ACT or SAT or CLT test scores.

College transcripts from other institutions are evaluated and credit is awarded prior to the student's first semester at The Master's University. This evaluation is made available to both the student and the academic advisor for financial aid and degree planning purposes. Any additional transcripts received after the semester has begun will be evaluated immediately and credit awarded by the Registrar's Office within four weeks of their receipt.

IGETC/G.E. Breadth

Transfer students who have satisfied all the requirements for either IGETC (Intersegmental General Education Transfer Curriculum [UC or CSU]) or G.E. Breadth (CSU) prior to enrolling at TMU will be considered to have their non-Bible G.E. class requirements complete. Students who transfer from states other than California and have completed a G.E. transfer agreement as noted on the final transcript may be considered (by petition) to have their non-Bible G.E. class requirements complete. No further non-Bible G.E. classes will be required at TMU (see General Education Requirements).

Requirements for International Students in Undergraduate and Graduate-Level Programs

The Master's University has been authorized under federal law to enroll non-immigrant alien students since 1949. Students from abroad are welcome, provided they meet the admission requirements of the University. International students are urged to contact the International Admissions Counselor or view the University's website to obtain the appropriate application forms. The following are requirements for both The Master's University and U.S. Immigration:

1. For all undergraduate programs, international students must submit transcripts reflecting the completion of high school education or the equivalent. Graduate-level programs require completion of a bachelor's degree or the equivalent. All transcripts must be official copies and translated upon the request of the admissions counselor.

2. All applicants to The Master's University must submit an acceptable standardized test score. If the student's first language is English, he/she may submit the SAT I (school code 4411) or ACT (school code 0303). Non-native speakers of English should submit a score from either the TOEFL (school code 4411) or the IELTS. Minimum scores required for entry into the University programs are as follows:

Undergraduate Program		**Graduate Program**	
TOEFL Paper Based:	550	TOEFL Paper Based:	600
TOEFL Computer Based:	210	TOEFL Computer Based:	250
TOEFL iBT:	80	TOEFL iBT:	100
IELTS:	6.5	IELTS:	7.0

3. Certification of finances is required for all international students to reflect that they have necessary funds to pay for all tuition and related costs of living for at least their first year of schooling. Limited financial assistance is available from The Master's University, and a Financial Aid Application may be requested through the International Admissions Counselor.

4. International students may transfer from another U.S. college or university if they are a full-time student at the school currently attended, have maintained non-immigrant student status, and intend to be a full-time student at The Master's University. According to the F-1 student visa transfer regulations, the institution from which the student is transferring must also confirm that the student has maintained his/her F-1 status throughout the student's enrollment with them.
5. Upon admission to The Master's University, United States Federal law requires an international student to be registered as a full-time student. Minimum semester requirements for full-time status for the following programs are:
   - Undergraduate – 12 units
   - Teaching Credential (fifth year) program – 15 units
   - MABC – 8 units
6. International applicants will be notified of the Admission Committee's decision upon receipt of all documentation. Once an applicant is accepted and the finances are verified, Form I-20 will be forwarded to them. Form I-20 is an official document of the United States government that grants a foreign student permission to apply for a student visa (F-1) at a U.S. consulate or embassy.
7. The Master's University requires that undergraduate F-1 visa international students begin their studies in the fall semester (September) or Spring semester (January).

Auditing
There are restrictions for international students auditing classes. They may audit courses; however, these units are not included in their full-time unit load calculation. International visitors on B-1 or B-2 visas may not audit or enroll in classes.

Thesis Work Pending for International Students in Graduate-Level Programs
A graduate student actively working on a thesis can take less than a full load of classes and still maintain full-time status, but only if they have enrolled in BC598 Thesis Research at some point during their academic career and continue to reside in the United States. The thesis itself is considered a full-time endeavor. Normal progress to complete the thesis for the MABC resident program is one year after completion of class work and BC598. The one year of thesis work has been included in the length of program on the I-20 issued to the student. Therefore, no extension of the I-20 end date will be granted.

Online Course Work
Only one class (3 units for undergraduate, 2 units for graduate) of online study may be applied toward the full-time enrollment requirement for international students during any given semester.

Visa Waiver Program
Students from countries that are participating in the Visa Waiver program will not be allowed to attend classes for auditing or for credit. It is The Master's University's understanding that the use of the visa waiver is for citizens of certain countries to travel to the United States for tourism or business for stays of 90 days or less without obtaining a visa. Any form of study on this type of visa would be a violation of status.

FINANCIAL AID

Financial Aid Policies & Procedures

Eligibility

To be eligible to receive financial aid, a student must:

1. Be enrolled at least half-time (6 units per semester) to receive most federal and state aid and full-time (12 units) to receive institutional aid.
2. Have a high school diploma or equivalent.
3. Maintain satisfactory academic progress towards graduation and maintain the minimum required cumulative GPA as required.
4. Not be in default on any Title IV loans or owe repayment on any Title IV grant.

Priority in awarding is based upon the timely filing of all required applications, supporting documents, and notification of admission to the University.

Most awards (scholarships, grants, loans) are disbursed in two equal installments, which are credited directly to the student's account. Most financial awards are eligible for renewal based on program guidelines, and an annual application (modified for continuing students) must be submitted.

To be eligible to receive Federal financial aid, a student must:

1. Be a U.S. citizen or eligible non-citizen.
2. Be enrolled in an eligible program.
3. Demonstrate need as evidence by the FAFSA.

Determination of Need

Financial need is calculated by information the student provides on the Free Application for Federal Student Aid (FAFSA).* This standard form, used nationwide in higher education, gathers information on the family's financial situation—their income and assets. Other requested information includes the number of family members and the number of family members in college. The results of this calculated assessment determine what is commonly referred to as the Student Aid Index (SAI).

The SAI is subtracted from the cost of attendance and the result is a calculation of the student's "financial need." Aid eligibility at The Master's University is a function of both our cost of attendance and the student's expected family contribution.

**International students will need to complete the International Student Financial Aid Application instead, which is available upon request from the Office of Financial Aid.*

Application Process

To apply for federal, state, and institutional aid, a student will need to:

1. Complete and submit the Free Application for Federal Student Aid (FAFSA) or FAFSA waiver.
2. Complete and submit The Master's University Financial Aid Application.
3. Complete and submit the Federal Verification Worksheet, along with the IRS Data Retrieval or IRS transcript, if required for verification.
4. Agree to the terms and conditions of the Satisfactory Academic Progress Policy (SAPP) on Self-Service when accepting the award.

Applicants for all Cal Grant programs must also:

5. File a verified grade point average (GPA) with the California Student Aid Commission no later than March 2 and have the FAFSA completed by March 2.
    a. **OPTION 1:** Obtain a GPA Verification Form, have it certified by a school official at the current school attended and send it to the California Student Aid Commission. Photocopy the form prior to mailing and obtain a proof of mailing for verification purposes. Additionally, homeschooled students will need to send SAT or ACT scores to the California Student Aid Commission before March 2.
    b. **OPTION 2:** Many high schools and colleges will file (with a signed release) a student's verified GPA with the Commission in roster form. This option should be verified with each institution.

Tuition and Fees

The Master's University strives to offer students a Christ-centered education within the financial reach of all. We endeavor to keep costs as low as possible, and consequently, our tuition is among the most economical for a private university. When calculating university costs, be sure to consider the total cost. Consider items like books and supplies, transportation, and personal spending money. While these amounts vary with each student, it can raise the total cost of education above the published tuition and room and board amounts. Fortunately, when computing a student's financial need, we take all these costs into consideration.

Undergraduate Program

Type	Price
12 to 18 units, per semester	$19,925
Less than 12 units or more than 18 units	$1,675
Summer or Winter Session, per unit	$550
Audit, per unit	$75
Teaching Credential Tuition (annual)	$17,850
Room	
On-Campus dormitory, per semester	$4,200
TMU Apartment, per semester	$4,200
Canyon Homes, per semester	$5,040
Meal Plans (Board), per semester	
Unlimited Plan	$3,725
14 meals per week (Includes $150 flex)	$3,625
10 meals per week (Includes $150 flex)	$3,525
TMU Apartment Flex Bucks (minimum requirement)	$300 Flex
Canyon Homes (minimum requirement)	$1,250 Flex

Online Tuition and Fees

Type	Price
Undergraduate Online Program General Education (per unit)	$350
Major Courses (per unit)	$450
Master of Biblical Studies (per unit)	$425
Master of Business Administration (per unit)	$595
Master of Teacher Education (per unit)	$595
Master of Biblical Counseling (per unit)	$745
Student Support Fee (Per Session)	$35
MABC Tech Fee (Per Semester)	$15
Graduation Fee	$250

Deposits and Fees

Books
The typical costs for books each semester range from $200 to $400, payable directly to the campus bookstore or online retailers at the time of purchase.

Course and Notebook Computer Fees
Some courses have specific fees, noted on the course schedule. All full-time students are required to have a notebook computer. Students must ensure their computer meets minimum configuration specifications. For more information, see Computer Services.

Directed Studies Fee
A Directed Studies Fee of $50 is assessed for each semester unit taken in this format.

Engineering Lab Fee
All engineering majors (CS majors not included) will be charged a laboratory fee each semester in lieu of individual course fees to cover the cost of maintaining engineering equipment and providing laboratory safety.

Graduation Fee
An estimated Graduation Fee of $250 is required for graduation from all academic programs.

New Student Deposit
A Tuition Deposit of $200, which is applied toward tuition, is required of all new students in order to receive course selection materials. Should you choose not to enroll, your deposit is refundable until May 1.

Non-Residential Student Life Fee
A per semester charge of $250 will be charged for students taking 6 units or more and living off-campus. TMU is committed in forming discipleship relationships and facilitating fellowship for all of our students, this covers administrative costs of student life staff who are focused on non-residential students.

Orientation Fee
An estimated one-time Orientation Fee of $225 is required for all first-year (New) students attending TMU.

Payment Plan Administrative Fee
A fee of $100 per semester is charged if the student chooses the 5-month payment plan.

Student Services Fee
A per semester charge of $338 will be charged for students taking 6 units or more and covers clubs, chapel media functions, ASB, dorm funds, intramurals, and special events.

Technology Fee
A per semester charge of $195 will be charged for students taking classes on campus, this fee covers WiFi across campus and support from our help desk and IT services, as well as updating and maintaining our TMU operated software.

Vehicle Fee
A per semester fee is charged to any registered student who drives and parks a vehicle on campus. (Price varies depending on type of student) More info available here.

Financial Aid Awards

Once all applications and supporting documents are received (which includes the results of the FAFSA), a financial aid award will be offered to the student. New students must be accepted for financial aid to be processed.

New Students
Early October applicants can expect to receive an award letter by late December to mid-January instructing them how to accept or decline their award. The statement of principles of good practice, established by the National Association for College Admission Counseling, permits first-year candidates for fall admission to choose, without penalty, among offers of admission and financial aid until May 1. After May 1, students have 15 business days to respond to their financial aid offer or their financial aid is subject to cancellation.

Continuing Students
Continuing students will be notified of their financial aid offer through an email instructing them how to accept or decline their financial aid award.

Verification
Verification is the process of confirming the accuracy of information reported on the FAFSA. All students selected for verification by the Federal Government are required for verification at The Master's University. A student required for verification will need to submit a Federal Verification Worksheet and complete the IRS Data Retrieval or IRS transcript. This process is required of The Master's University by the Federal Government in order to help maintain the integrity of the Federal Student Aid program.

Online Portal
Award letters contain confidential information and are located on TMU's secure site. To keep the site secure, students are not to share their password with anyone, including their parents.

Satisfactory Academic Progress Policy (SAPP)

Each student must maintain an overall grade point average (GPA) of 2.00 or higher for each semester of attendance. Overall GPA is based on institutional and transfer credit hours.

A student must also complete 70% of the institutional and transfer credit hours units he/she has attempted. For example, a student who attempts 30 credit hours for the first year must complete 21 of those credit hours. A student who has attempted 60 credit hours by the end of the second year must have completed 42 of these credit hours.

A student must also demonstrate progress toward graduation. The time frame in which a student finishes his/her degree cannot exceed 150 percent of the published length of the program. For example, for an academic program with a program length of 121 units, the time frame of completion cannot exceed 183 units. Part-time students must also complete 70% of their attempted units. "F" grades, incompletes, withdrawals, and "no credit" marks affect a student's GPA as outlined in this catalog.

Evaluation of Student's Progress

GPA and unit evaluation are done after each semester with current registrar data. If either of the criteria are not met at the time of evaluation, the student will be notified of his/her failure to meet the qualifications and will be placed on financial aid warning or suspension.

Financial Aid Warning for Failure to Meet the GPA Requirement

If a student is put on Financial Aid Warning for failure to meet the overall GPA requirement, the student has one semester to receive a overall GPA of 2.00. The student must maintain a 2.00 overall GPA for one semester before being removed from Financial Aid Warning.

If, within the first semester of Financial Aid Warning, the student does not receive an overall GPA of 2.00, the student will have all financial aid suspended until they have met the 2.00 overall GPA requirement. The student will again be eligible for financial aid after maintaining a 2.00 overall GPA for one semester.

If a student is academically suspended, the student must complete the readmission procedures for an academically disqualified student as outlined in the student catalog. The student must then meet the 2.00 overall GPA requirement for one semester before that student will be eligible for financial aid. The student may again apply for financial aid after the requirements have been met.

Financial Aid Warning for Failure to Meet the Unit Requirement

If, at the time of the unit evaluation, a student has failed to complete 70% of the attempted units, they will be placed on Financial Aid Warning and will be notified of the failure to meet the requirements. The student will have one semester in which to improve this percentage. If, by the end of that semester, the student has not completed 70% of the cumulative attempted units, that student will have all financial aid suspended until such a time as they have met the requirement. The student may again apply for financial aid after requirements have been met.

Appeal

A student may appeal a Financial Aid suspension by completing the SAP Appeal form and submitting it to the Office of Financial Aid. The appeal is available upon request from the Office of Financial Aid, and includes:

1. An explanation of the reason(s) student has failed to meet the Satisfactory Academic Progress Policy (SAPP).
2. What has changed and will change for the student to achieve Satisfactory Academic Progress (SAP).
3. Demonstrate that SAP can be met after one additional, probationary semester.

Cases of extreme illness or death in the family will be taken into consideration. The Office of Financial Aid will notify the student as to the final decision.

An approved appeal will grant the student one semester of probation in which they will still be eligible to receive financial aid. If, at the end of this probation period, Satisfactory Academic Progress is not met, the student will be placed on Financial Aid Suspension until such time as the student has met all SAP requirements.

Forms of Financial Aid

Financial aid is money provided by federal and local governments, independent and private organizations, and the University to assist families in meeting the costs of higher education. Most opportunities for financial assistance fall into either of two categories: "merit-based aid" and "need-based aid."

"Merit-based" scholarships are granted based on a student's achievements or promise of achievement in several areas including, but not limited to, academics, music, and athletics. "Need-based" aid, as the name implies, requires that the student and their family demonstrate a financial need in meeting college costs. Simply stated, financial need is the difference between the amount a family is expected to contribute and the actual amount required to attend college. In most cases, the amount of financial aid offered will be based on a combination of factors involving both types of aid.

Information on financial aid for the Online Program is referred to later in this catalog.

Financial Aid Programs

The following are descriptions of Scholarships, the Work Study Program, Grants, and Loans that are available to those students who qualify.

Scholarships

ACHIEVEMENT SCHOLARSHIP
$7,000
Awarded to full-time incoming students based on cumulative high school or transfer GPA. Please visit www.masters.edu/tcc to see if you qualify for this award. Renewable with a cumulative college GPA of 2.75. GPA will be evaluated at the end of every fall semester.

ALUMNI SCHOLARSHIP
$5,000
Awarded to new students applying in the 2025-2026 academic year whose parents hold a degree from The Master's University in Santa Clarita, CA. This scholarship is a part of TMU Community Scholarships and can't be stacked with other TMU Community Scholarships. *

ATHLETIC SCHOLARSHIP
Varies
Awarded by the Athletic Department to students who demonstrate superior athletic ability and who are committed to The Master's University and the ministry focus of the programs. Annual application required.

CHURCH SCHOLARSHIP
$3,500
Awarded to new students applying in the 2025-2026 academic year, who is a member at The Master's Fellowship affiliated church. This scholarship is a part of TMU Community Scholarships and can't be stacked with other TMU Community Scholarships. *

DISTINGUISHED SCHOLARSHIP
$10,000
Awarded to full-time students based on cumulative high school or transfer GPA. Please visit www.masters.edu/tcc to see if you qualify for this award. Full-time transfer students will be evaluated based on overall transfer GPA. Renewable with a cumulative college GPA of 2.75. GPA will be evaluated at the end of every fall semester.

FIRST GENERATION SCHOLARSHIP
$3,500
Awarded to (15) new students applying starting in the 2025-2026 who are first-generation college students, meaning neither parent completed a bachelor's degree. This scholarship is a part of TMU Community Scholarships and can't be stacked with other TMU Community Scholarships. *

HONORS SCHOLARSHIP
$8,500
Awarded to full-time incoming students based on cumulative high school or transfer GPA. Please visit www.masters.edu/tcc to see if you qualify for this award. Renewable with a cumulative college GPA of 2.75. GPA will be evaluated at the end of every fall semester.

JUST THINKING
Up to $5,000

Partnering with the Just Thinking Podcast, this is awarded to new students applying starting in the 2025-2026 academic year. (5) Applicants will be awarded based on their ability to tackle some of the most pressing issues of our culture today.

MINISTRY MATCHING
Up to $2,500

Awarded to students who receive sponsorship from a Christian ministry. TMU will match, on a dollar-for-dollar basis, as long as funds remain available. Annual application required

PASTOR AND MISSIONARY DEPENDENT
$4,000 per year

Awarded to full-time students, who are dependents of full-time pastors or missionaries that are doctrinally aligned with the mission of TMU. This scholarship is a part of TMU Community Scholarships and can't be stacked with other TMU Community Scholarships. *

MUSIC SCHOLARSHIP
Varies

Awarded by the School of Music to students who demonstrate superior music ability and are committed to The Master's University and the ministry focus of the programs. Annual application required.

PRESIDENT'S SCHOLARSHIP
Up to $20,000

Competitive scholarship awarded to full-time incoming freshmen. Applicants must have a high school GPA of 4.0 and a SAT I score (Evidence-Based Reading & Writing and Math sub-tests only) of 1350 or ACT score of 30 or CLT score of 91. Renewable with a cumulative college GPA of 3.5. GPA will be evaluated at the end of every fall semester.

RED & BLUE SCHOLARSHIP
$3,500

Awarded to new students applying starting in the 2025-2026 who are dependent of parent/s currently working full-time in law enforcement or fire departments. This scholarship is a part of TMU Community Scholarships and can't be stacked with other TMU Community Scholarships. *

SCHOOL PARTNER SCHOLARSHIP
Up to $5,000

Awarded to incoming freshmen applying starting in the 2025-2026 academic year, who are a graduating from one of our partner high schools. For a list of these schools please visit www.masters.edu/scholarships. This scholarship is a part of TMU Community Scholarships and can't be stacked with other TMU Community Scholarships.

STEADFAST SCHOLARSHIP
Combined up to tuition

Awarded to (5) new students this scholarship takes the student's current financial aid up to full tuition. This is good for four years or until the student graduates. This will be chosen by the scholarship committee, based on merit and need. This scholarship is a part of TMU Community Scholarships and can't be stacked with other TMU Community Scholarships.

**An additional $1,000 will be added to the TMU Community Scholarship if a student qualifies for more than one TMU Community category.*

Work Study Program

STUDENT EMPLOYMENT PROGRAM
Varies

Awarded to full-time students based on financial need and academic qualification. Students work part-time jobs, either on-campus or off-campus. Depending on experience and wage, most students work between 10 and 20 hours per week. Wages start at California state minimum wage. Often, these jobs complement students' educational and career objectives, providing them with valuable vocational and technical experience. Both programs offer many opportunities for students' professional growth. Annual application required.

Grants

CAL GRANT
Up to $9,358 per year

Awarded to low and middle income California residents. Based on need and GPA. Student must be enrolled in at least a two-year program. Annual application required. If a student qualifies for Cal Grant B they may be eligible for up to $1,648 per year.

INTERNATIONAL STUDENT GRANT
Varies

Awarded to new and continuing international students. Based on financial need and academic achievement. Annual application required.

THE MASTER'S UNIVERSITY GRANT
Varies

Awarded to students based on academic achievement and financial need. Students must be enrolled full-time. Annual application required.

PELL GRANT
Up to $7,395 per year

Federal program, based on need. Annual application required.

SUPPLEMENTAL EDUCATION OPPORTUNITY GRANT
Up to $1,000 per year

Federal program, based on need. Also must be eligible for Pell Grant (see above). Annual application required.

Loans

FEDERAL LOAN FOR PARENTS OF UNDERGRADUATE STUDENTS (PLUS)
Varies

Fixed rate loans available to parents of undergraduate dependent students with no adverse credit history. May borrow up to the cost of attendance less any other financial aid. Annual application required.

SUBSIDIZED FEDERAL STAFFORD LOAN
Varies

Need-based, fixed rate, low-interest student loan in which the government pays the interest while the student is enrolled at least half-time (6 units). Loan is deferred until 6 months after the student graduates or drops below half-time.

UNSUBSIDIZED FEDERAL STAFFORD LOAN
Varies

Fixed rate, low-interest student loan in which interest accrues while the student is enrolled at least half-time (6 units). Loan is deferred until 6 months after the student graduates or drops below half-time.

Financial Aid Refund Policy*

Dropping Classes

A student's final eligibility for aid will be based on the number of hours for which they are enrolled on the Census Date, as listed in the class schedule. If a student registers for and then drops a class (or classes) prior to the Census Date, the student's eligibility for aid will be recalculated based on the hours remaining as of the Census Date. Since financial aid is released prior to the Census Date, students who receive a financial aid payment based on more hours than those remaining as of the Census Date may be responsible for repaying a portion of any financial aid received.

Dropping classes may affect a student's current aid. Withdrawing from classes may affect a student's eligibility for future aid. Students should consult the Satisfactory Academic Progress Policy or the Office of Financial Aid to determine if dropping classes will affect their eligibility for future aid.

Total Withdrawal from School

If a student registers and then completely withdraws from all classes, their eligibility for aid will be recalculated based on the number of days they attended class. If a student totally withdraws from all classes prior to the first class day, all financial aid will be cancelled and no funds will be disbursed. If a student withdraws on or after the first class day, the student may have to repay a portion of any financial aid received. See "Return of Title IV Funds" below. Withdrawal from classes may affect a student's eligibility for future aid. Students should consult the Satisfactory Academic Progress Policy or the Office of Financial Aid to determine if dropping classes will affect their eligibility for future aid.

Return of Title IV Funds

The Higher Education Reconciliation Act of 2008 changed the formula for calculating the amount of aid a student and school can retain when the student totally withdraws from all classes. Students who withdraw from all classes prior to completing 60% of the semester will have their eligibility for aid recalculated based on the percentage of the semester completed. The Office of Financial Aid encourages students to carefully read a complete copy of this policy which can be found on the website. Students considering withdrawal from all classes PRIOR to completing 60% of the semester should contact the Office of Financial Aid to see how that withdrawal may affect their financial aid.

**Institutional aid is not refundable.*

Student Consumer Information

In compliance with the Higher Education Opportunity Act, students can access compliance and consumer information for The Master's University at www.masters.edu/HEOA.

Electronic Communications

The Office of Financial Aid will communicate with current and prospective students electronically via secure TMU email and student Self-Service portal. If a student wishes to opt out of electronic communications, they must do so in a signed written statement to the Office of Financial Aid.

STUDENT ACCOUNTS

Through the financial assistance of faithful Christian friends and churches, The Master's University strives to offer students a Christ-centered education within the financial reach of all. The cost of education is considerably in excess of what a student pays. However, the University is able to keep students' costs at a minimum as Christian friends support us through their generous gifts and prayers. With the establishment of scholarships and direct gifts, hundreds of students have been prepared for specific fields of work and service.

Payment Terms

Tuition, fees, room, and board expenses for traditional programs are due July 10 for the Fall semester and December 10 for the Spring semester. A late fee for payments not received by the due date may be charged to overdue accounts. Winterim and Post-Session charges may not be rolled into the following semester billing; Post Session charges are due before the start of class. TMUS reserves the right to dismiss a student from classes due to non-payment or other payment issues. For the regular semesters, the following option is available:

Traditional Undergraduate Program Payment Plan.

For our traditional students, the estimated semester cost of tuition, room, and board will be divided into five (5) monthly payments. Payments begin July 10 prior to the Fall semester and December 10 prior to the Spring semester. A Payment Plan Fee will be assessed to the student account if the payment plan is selected. *Note: This applies to students who complete registration before June 20 for the Fall semester and November 20 for the Spring semester. Students using the payment plan who register after these dates will have their balance divided by the number of payments remaining for the semester (i.e., a student who registers mid-August would have a payment due upon arrival, with successive payments due September 10, October 10, and November 10).*

Please note: There is no payment plan offered for the Winterim or Post-Sessions semesters.

MABC Program Payment Plan.

We offer a payment plan to our MABC students which divides total costs into four (4) monthly payments. Payment dates depend on the trimester enrolled, beginning in April for Summer, August for Fall, and December for Spring.

Online Program Payment Plan.

We do not currently offer a payment plan for our online degree programs. Tuition and fees are due in full by the start of the trimester.

Payments from Government Agencies or Private Foundations

Please note that we may invoice or bill third parties when requested and as a courtesy to the student. Third parties include donors, benefactors, employee tuition programs, workman's compensation carriers, voc/rehab programs, military T/A, and other military tuition programs. The invoicing or billing to a third party does not change the due date indicated on your statements and our standard student account policies will still apply. Late fees will accrue on the account if not paid by the due date shown on your statement.

Health Insurance Requirement

All registered traditional undergraduate, credential, and seminary students are required to have adequate medical insurance. Students will be automatically enrolled in the TMUS-sponsored Student Health Insurance Plan unless they submit an online insurance waiver. Waivers will be approved if coverage meets certain minimum criteria (such as provision for doctor visits, emergency visits, prescriptions, locality of coverage, etc.). Students must submit a waiver once per academic term; premiums will be charged each semester to all student accounts that do not have an approved waiver.

Refunds

Refunds are based upon the week that the official withdrawal form, signed by the Registrar and all relevant parties, is presented to the Student Accounts Office, and not on the time a student ceases to attend classes. A student withdrawing from school with neither consultation nor consent of an appropriate administrator shall not be entitled to any refund.

The percentage of tuition refunded is based on actual tuition cost charged to the student's account.

Traditional Undergraduate and Credential Programs

Withdrawal During:	Refund:	Withdrawal During:	Refund:
No attendance	100%	5th week	25%
1st week	100%	6th week	10%
2nd week	100%	7th week	0%
3rd week	75%	8th week	0%
4th week	50%	9th week	0%

Post Session Post-Session classes dropped prior to or during the second day of class will receive a 100% refund. No refund will be issued for classes dropped after the second day.

Winterim Winterim classes dropped prior to or during the first day of class will receive a 100% refund. No refund will be issued for classes dropped after the first day.

Room and Board Room and Board is fully refundable during the first two weeks of class. Refunds will be prorated on a weekly basis after that point. Post-Session/Winterim room and board is non-refundable.

Course Fees Course Fees (*including individual music lessons and online course fees*) are fully refundable during the first two weeks of class. After this point, they are non-refundable.

Master of Arts in Biblical Counseling Program

Withdrawal During:	Refund:	Withdrawal During:	Refund:
No attendance	100%	5th week	45%
1st week	100%	6th week	30%
2nd week	100%	7th week	15%
3rd week	75%	8th week	5%
4th week	60%	9th week	0%

Summer Housing Summer Housing cancelled prior to June 1st will receive a 100% refund. There is no refund for housing after this point.

Online Program

Online Courses Dropped:	Refund:
By the Friday of the second week	100%
By the Friday of the third week	50%
By the Monday of the fifth week	0%
After Monday of the fifth week	0%

Note: Must be timestamped by Monday at 11:59 p.m. PST.

16-Week High School Partnership Courses Courses dropped before the Friday of the second week will receive a 100% refund. No refund will be issued after this date.

ACADEMIC INFORMATION

This section describes the academic policies and requirements that apply to students of The Master's University. Although faculty and staff provide assistance to students, the responsibility for understanding and complying with the provisions in this section belongs to each student. TMU reserves the right to make changes to its academic policies and requirements. Whenever possible, such changes will be announced in advance so as to avoid conflicts, misunderstandings, and inconvenience.

Terms & Classifications

Student Academic Classifications

Freshman	An accepted high school graduate who has enrolled in the University.
Sophomore	A student with at least 30 completed semester units.
Junior	A student with at least 60 completed semester units.
Senior	A student with at least 90 completed semester units.
Full-Time Student	An undergraduate student who is carrying a minimum load of 12 semester units. Only full-time students not on academic probation may be elected to student association offices, serve on student publications, or compete on intercollegiate athletic teams unless an NAIA exception applies. *Exception: A senior in their last semester can take six units on campus in addition to six units online and be considered full-time.* **Graduate:** An MABC, or MABS, or Med student who is carrying a minimum load of 6 units. An MBA, or MHA student who is carrying a minimum load of 9 units.
Non-Matriculating Student	A student enrolled in one or more classes who is not recognized by TMU as seeking a degree.
Transfer Student	A student who enters TMU with at least 24 semester units (36 quarter units) of accepted college-level coursework from another college or university. College-level credit earned prior to high school graduation, as well as any credit by examination, does not count toward determining whether a student has reached transfer status.
Dual Enrollment Program	The Dual Enrollment Program enables junior or senior high school students to take accredited, college-level Bible and G.E. courses that can meet high school requirements and count toward an undergraduate degree at TMU or be used at another higher education institution.

Grading Terms

The following definitions apply to symbols utilized in lieu of or in addition to grades:

Advanced Standing (AS) Indicates credit awarded based on previous studies or work experience. Depending on the program, this may waive specific class requirements for a degree or adjust the credit points you must achieve to meet the requirements of your degree or credential. Credits do not count toward GPA.

Audit (AUD) Audit students are those who receive no credit but wish to attend lectures in a course or participate in musical ensembles or private lessons without any responsibility to take examinations, complete homework or papers or practice hours, or be evaluated. Audit registration will appear on the student's record but will not be included in computing a full-time academic load. Students may audit a maximum of three units per academic year. Audit-only students must submit an application for admission and a pastor recommendation to the Office of Admissions.

Credit (CR) Credit is measured in semester units. A semester unit represents one recitation period (55 minutes) per week for one semester of 15 weeks and assumes about two hours of outside preparation for each recitation period. Credit units of each course are given with each course description.

Failure (F) No credit or grade points given. This policy means all units attempted that are shown on the transcript as "F" will be charged against the student with a value of 0.00 grade points. The effect of this will be to lower the overall GPA.

Incomplete (I) 1. ***Extenuating Circumstances.*** This is based on professor discretion and approval. An Incomplete Contract Form (available through the Registrar) between professor and student must be completed, signed, and filed with the Office of Registrar.
2. ***Medical.*** This is based on a medical injury/illness that prohibits a student's ability to complete the academic semester. Medical documentation must be submitted to the Office of Disability Services (ODS) for review and approval. An Incomplete Contract Form is between ODS/Professor/Student and must be completed, signed, and filed with ODS and Office of Registrar.

Any Incomplete not finished within the terms of the Incomplete Contract will lapse into the grade designated on the Incomplete Contract.

No-Credit (NC) No credit.

Pass (P) Indicates that the student passed a course, but credits do not count toward GPA, such as MA090.

Quality Points (QP) Quality points are assigned in order to determine the student's scholastic average. Quality points are determined by multiplying the grade points by the number of semester units of credits given in each course.

Transfer Credit (TR) Indicates credit the university grants for prior learning. Credits do not count toward GPA. See "Transfer Credit Policies and Criteria" for more information on transfer policies.

Withdraw (W) Indicates withdrawal from a course after the add/drop period but before the withdrawal deadline. The course will remain on the transcript but will not be reflected in the student's GPA.

Grading System

Symbol	Grade Points	Explanation
A	4.0	Demonstrates thorough mastery of subject material & effective us of creative resourcefulness.
A-	3.7	
B+	3.3	Evidences good mastery of subject material and ability to effectively use acquired knowledge.
B	3.0	
B-	2.7	
C+	2.3	Average grasp of subject material.
C	2.0	
C-	1.7	
D+	1.3	Minimal grasp of subject material.
D	1.0	
D-	0.7	
F	0.0	Failure to attain minimal grasp of subject material.

Scholastic Honors

It is recognized that the ability to concentrate and persevere in scholastic work is an important part of the preparation for effective Christian ministry. The following scholastic honors are recognized:

Semester Honors

Granted to undergraduate students completing 15 or more semester units who attain the following grade point average:

President's List	3.80
Dean's List	3.60

Graduation Honors

Granted at graduation to students who have completed at least 60 semester units at The Master's University and have attained the following cumulative grade point average:

Summa cum laude	3.90
Magna cum laude	3.70
Cum laude	3.50

Transfer Credit Policies & Criteria

Transfer Credit Policies

2nd undergraduate degree

Students pursuing a second undergraduate degree only need to complete major requirements. They are not required to complete non-Bible G.E. requirements for the second degree. Unless TMU Bible G.E. has been completed, students pursuing a second undergraduate degree will be required to complete one G.E. Bible course for each semester of work.

College credit completed

The Master's University will grant credit for transferable college coursework taken before before high school graduation if taken from an accredited college. Official transcripts must be submitted, and all other transfer requirements must be met.

Credit by Examination

The Master's University, as a member of the College Entrance Examination Board, recognizes the merits of the Advanced Placement (AP), the College Level Examination Program (CLEP), the International Baccalaureate (IB), and Dantes Subject Standardized Tests (DSST) and will grant credit for passing scores in certain tests offered through these programs. A student may earn a maximum of 32 semester units of transfer credit across the combination of AP exams (maximum of 32 units), IB higher level exams (maximum of 32 units), CLEP exams (maximum of 18 units), and DSST (maximum of 18 units). If a student takes a college course for which he/she has already received AP or CLEP credit, then he/she forfeits that transfer credit.

The Master's University reserves the right to determine the amount of credit that will be awarded for all AP/CLEP/IB/DSST transfer credit examinations. Credit for all AP courses other than science, is awarded based on a score of 3, 4, or 5. Credit for AP science courses is awarded based on a score of 4 or 5. CLEP examination credit may be granted for all courses based on a score of 55 or higher. The University will grant credit for IB examinations with scores of 5, 6, or 7. The University will grant credit for DSST examinations on an ACE recommended basis and consider accepting units from for-profit non-accredited businesses such as StraighterLine.

Lower division credit

Students who are transferring from an accredited institution and who have completed a lower division course which had content comparable to an upper division course at The Master's University may choose to retake the course at TMU to earn upper division credit for the course.

Transferability of credits

The transferability of credits earned at The Master's University (TMU) is at the discretion of the receiving college, university, or other educational institution. Students considering transferring to any institution should not assume that credits earned in any program of study at TMU will be accepted by the receiving institution. Similarly, the ability of a degree, certificate, diploma or other academic credential earned at TMU to satisfy an admission requirement of another institution is at the discretion of the receiving institution. Accreditation also does not guarantee that credentials or credits earned at TMU will be accepted by or transferred to another institution. To minimize the risk of having to repeat coursework, students should contact the receiving institution in advance for evaluation and determination of transferability of credits and/or acceptability of degrees, diplomas, or certificates earned.

Unaccredited schools

Transfer credit may be granted to students from unaccredited schools of collegiate rank upon approval of the Provost or the Registrar in consultation with the Dean of the School for which credit is desired.

Transfer Credit Criteria

TMU grants credit for college-level coursework from other colleges and universities based on the following criteria:

Good standing

The student must have good standing at the institutions previously attended. Students who have been dismissed or suspended from another college for disciplinary reasons must request that a letter be sent by the dean of the college involved, detailing the reasons for such dismissal.

Maximum transferable units

Community or Junior College
70 units max

No more than 70 units of credit will be accepted from a community college or junior college. Courses for which bachelor's degree credit is allowed must be university transfer level.

Total units
94 units max

No more than 94 units from other accredited institutions may apply toward fulfillment of degree requirements at The Master's University. Transfer students must take at least 12 semester units of upper division work in their major at TMU.

Non-Traditional Credit

No more than 45 units of non-traditional credit will be accepted.

Examination
32 units max

No more than 32 semester units of transfer credit across the combination of:

- **AP exams:** 32 units max
- **CLEP exams:** 18 units max
- **IB higher level exams:** 32 units max
- **DSST:** 18 units max

Military
45 units max

No more than 45 units of transfer credit from military transcripts. Up to 30 of those units applicable toward meeting TMU G.E. Requirements.

Life Experience
24 units max

No more than 24 units of credits for life experience assessment.

Minimum grade requirement

No courses will be transferred in which the grade earned was less than C (2.0). Credit will be given for accepted courses that will apply to the student's course of study at The Master's University.

Transfer Course Codes

The following course codes are used on transcripts to identify transfer credit awarded for general education and elective credit:

GE LAB	GE Science Lab
GE LAB UD	GE Science Lab Upper Division
GE LIT	GE Literature Elective
GE LIT UD	GE Literature Elective Upper Division
GE M&A	GE Music & Art
GE M&A UD	GE Music & Art Upper Division
GE MAT	GE Mathematics
GE MAT UD	GE Mathematics Upper Division
GE SCI	GE Science Lecture
GE SCI UD	GE Science Lecture Upper Division
GE SUR	GE Literature Survey
GE SUR UD	GE Literature Survey Upper Division
GE USH	GE U.S. History
GE USH UD	GE U.S. History Upper Division
GE WH1	GE World History I
GE WH1 UD	GE World History I Upper Division
GE WH2	GE World History II
GE WH2 UD	GE World History II Upper Division
ELEC LD	Elective Lower Division
ELEC UD	Elective Upper Division
LSEC LD	LS ENG COM Subject Area Elective
LSEC UD	LS ENG COM Subject Area Elective UD
LSHU LD	LS HUM Subject Area Elective
LSHU UD	LS HUM Subject Area Elective UD
LSMS LD	LS MAT SCI CS Subject Area Elective
LSMS UD	LS MAT SCI CS Subject Area Elective UD
LSSS LD	LS SOC SCI Subject Area Elective
LSSS UD	LS SOC SCI Subject Area Elective UD

Advanced Standing Course Code

The following course code is used on transcripts to identify Advanced Standing awarded by GSBC department.

ADVST Advanced Standing

Registration

The University sets aside a period at the beginning of the Fall semester for reception, registration, and orientation. During these days, the new students become acquainted with programs and facilities provided for their instruction.

1. All students will be notified regarding the Fall orientation and check-in information. A schedule of classes is published and is available before registration.
2. All continuing students are required to have an interview with their academic advisor at least once per semester prior to registration. A student may contact the Office of the Registrar or refer to the Registration Dashboard on the Student Portal for the name of their advisor.
3. An evaluation of credits is made of all transfer college work; new transfer students, in addition to their advisor, will receive a copy of this evaluation.
4. Late check-in continues one week following the priority check-in day.
5. Check-in is completed only after financial arrangements have been made with the Director of Student Accounts.

Class Changes & Deadlines

Adding Courses

The deadline to enroll in a TMU course depends on the type of class and the academic term.

1. On-campus courses and High School Partnership courses:
    a. Fall or Spring: 10th business day of term (excluding holidays)
    b. Winterim: First day of class
    c. Post-Session/Summer: Second day of class
2. Online courses:
    a. Any term: Fourth day of class

Dropping Courses

The deadline to drop a TMU class without penalty depends on the type of class and the academic term.

1. On-campus courses and High School Partnership courses:
    a. Fall or Spring: 10th business day of term (excluding holidays)
    b. Winterim: First day of class
    c. Post-Session/Summer: Second day of class
2. Online courses:
    a. Any term: Friday of the second week of class

Withdrawal

The deadline to withdraw from a TMU class depends on the type of class and the academic term. After the drop deadline, a withdrawal will be denoted on the student's record (transcript) by a grade of "W" for withdrawn.

1. On-campus classes and High School Partnership courses:
    a. Fall or Spring (grade of "W"): Monday of the 14th week of term.
    b. Winterim (grade of "W"): Fourth day of class.
    c. Post-Session/Summer (grade of "W"): Eighth day of class.
2. Online classes:
    a. Any term (grade of "W"): Monday of the sixth week of class.

Changes in Course Schedule

If a student desires to withdraw from a course after the add/drop period, he/she must have the permission of the instructor, academic advisor, and the Office of the Registrar. Add/Drop forms are available in the Office of the Registrar and on the Student Portal online.

Repeating Courses

A student may repeat any course that was previously attempted. However, no additional credits may be earned by repeating a course that a student has already passed (grade of D- or higher). When a course is repeated, the subsequent grade replaces the previous grade for GPA purposes (even if lower), but the previous grade remains on the student's academic record and transcript. Some departments may require that a student repeat a course within the major if the grade earned was below a certain level (e.g. C-).

Course and Lab Fees

In on-campus classes, these fees will be refunded if a student drops a course during the first two weeks of the semester. After the deadline, course and lab fees are not refundable.

Withdrawing from School

Withdrawal is processed through the Office of Admissions. Any refund due to the student is determined according to the refund policy found in the "Student Account Policies" section of this catalog.

Online Courses

Campus-Wide Policy

For the purposes of this policy, a TMU student who declares and is currently pursuing a Traditional curriculum as indicated on his/her academic record. Traditional students must enroll for 12 units of traditional classes before they can take additional online classes. The one exception to the 12-unit traditional class threshold applies to those students who are in the last semester of their senior year. For those students, the following policy applies:

- Full-Time Students must take at least 6 units of traditional on-campus classes and 6 units of online classes in order to be considered traditional undergraduate. They can take more on-campus classes if they choose.
- Less-than-full-time Students must be enrolled in at least 3 units of traditional on-campus classes to still be considered a traditional undergraduate. No institutional aid is available for less-than-full-time students, and Federal Aid eligibility will be discussed between Financial Aid and the students.
- If a student takes all online units in the traditional program, they may not be eligible for any financial aid, TMU or federal.

First Week Attendance/Participation Policy

Any student taking an online course is required to participate during the first week of class by completing the Course Syllabus Confirmation. First week participation requires all students to read the course syllabus and complete the syllabus quiz in all TMU Online courses by Monday of the second week of class. If the student has not completed the Course Syllabus Confirmation, he/she will be dis-enrolled by Tuesday of the second week and his/her tuition will be refunded. Students who have been dropped due to inactivity will not have the option to re-enroll for that session.

Directed Studies

A Directed Studies (DS) course is a course that does not meet as a regularly scheduled class. A DS course may be appropriate to resolve a scheduling conflict, to complete a course not offered in a given academic term, or to study an academic topic or subject matter not offered at TMU. New DS courses must comply with all TMU procedures and deadlines that apply to non-DS courses, unless stated otherwise herein:

1. A maximum of 13 units of TMU DS coursework may be taken during a student's undergraduate program.
2. A student may enroll in no more than two DS courses in any one academic term.
3. A Directed Studies Course Contract is used to enroll in a DS course.
   - Earliest enrollment date: A completed Contract may be submitted to the Registrar's Office as soon as the registration period opens for a given academic term.
   - Latest enrollment date: A completed Contract must be submitted no later than the end of the add/drop period for the academic term in which the DS course is to be added.
   - **Note**: A student cannot add a DS course to an academic term past the add/drop period for that term.
4. If a student does not complete the DS work on time, the Registrar's Office will assign a grade of "F" to the student for the DS course.
   - A DS course taken in either the Fall or Spring term must be completed by the end of that academic term.
   - A DS course taken in either the Winter or Summer term must be completed by the Friday before the start of the subsequent academic term.
5. The final grade for a DS course can be posted no sooner than one week per semester unit into the academic term. The final grade is due no later than five (5) working days following the completion of the DS course.
6. A student may withdraw from a DS course (and receive a "W" grade) through the 13th week of the Fall, Spring, or Summer, and through the fourth day of the Winterim term.
7. For tuition purposes, there is no distinction between units from DS and non-DS courses. Tuition refunds for dropping a DS course will be calculated and processed in accordance with normal Student Accounts procedures.
8. A DS course fee of $50 per unit is assessed for a DS course taken in the Fall or Spring terms. No DS course fee is assessed for the Winter or Summer terms. The DS course fee is in addition to tuition. It is non-refundable after the end of the add/drop period.

Class Absence Policy

No faculty member is required to take class attendance in his/her course or to use class attendance as a factor in student grading. If a faculty member uses attendance as a factor of his/her class grading policy, he/she must allow at least the following number of excused absences with no negative grade effect:

- 5 absences in a 3-session/week class
- 4 absences in a 2-session/week class
- 2 absences in a 1-session/week class

Excused absences include unavoidable circumstances beyond the control of the student, significant illness, and University-sponsored travel to represent TMU (e.g. intercollegiate athletic events and musical group performances). Faculty members may, but are not required to, make any allowances for unexcused absences. Faculty members are required to allow students to complete grade-related in-class work (e.g. assignments, quizzes, tests) for excused class absences. Faculty members may but are NOT required to allow students to complete grade-related in-class work for unexcused absences. For scheduled excused absences (e.g. University-sponsored travel), the faculty member may require grade-related in-class work to be submitted prior to the absence. For unexpected excused absences, the faculty member must allow the student a reasonable time to complete and submit the missed work. Faculty members may institute a grade effect for excused absences beyond the minimum.

Credit Limits for Non-Traditional TMU Coursework

The maximum number of semester units of non-traditional courses that a student may take at TMU is:

- 13 units of TMU Directed Studies courses
- 24 units of Post-Session or Winterim TMU courses

Academic Advising

When students are admitted to the University, an academic advisor is assigned to assist them in planning their program of courses. Student orientation is provided at the beginning of the year for general information, and academic advisors assist students prior to each registration. Students are encouraged to maintain close contact with their advisor in order to plan their university program properly. Students on academic probation receive special advising to help them meet the academic demands of university life.

Although the University seeks to provide students the assistance they need in their academic career through academic advisement, final responsibility for meeting all program, residence, and graduation requirements rests with the students. One of the most important tools is this catalog. Students should become thoroughly familiar with the catalog in order to keep up with their own records and to make certain that they are meeting graduation requirements, including G.E. courses and grade point average. The academic requirements of the catalog under which a student enters become the student's academic contract. Academic requirements may be lowered but never raised under a particular catalog. Students are strongly encouraged to maintain possession of this catalog for future reference.

Academic Probation

Students enrolled at The Master's University on academic probation shall be subject to the following restrictions:

- Students placed on or who have earned academic probation shall be limited to 15 units per semester. Course selection and class schedule must be approved by the student's academic advisor and/or the Academic Counselor.
- Traditional students may not take online courses while on academic probation.
- Nontraditional students taking only online courses are limited to two (2) courses per session or six (6) credit hours per session while on academic probation. Please note: two (2) consecutive online sessions are equivalent to one (1) traditional on-campus semester.
- Any student whose cumulative GPA falls below 2.00 may not participate in extracurricular activities such as student government, athletics, music, theatre arts, and missions' teams.
- The student must earn a minimum cumulative GPA of 2.00 at the end of the semester to be removed from probation.
- Students on academic probation who achieve a cumulative GPA below 2.00 for two (2) consecutive semesters are subject to **academic disqualification**. The student shall be notified immediately upon the conclusion of the second semester final grade submission. Notification of disqualification will be made by letter, and students may appeal by submitting a letter via email to the Provost stating why they should not be disqualified. The student's request will then be reviewed by the Provost for a final decision. The student shall be notified of the final decision by letter.

Procedure for Readmission of Academically Disqualified Students

Disqualified students must complete the following requirements:

1. A minimum of one semester of academic suspension
2. Attendance at another accredited institution and achievement of a 2.50 cumulative GPA on a minimum of 12 semester units of transferable coursework with no course grade lower than a "C"
3. Review of the student's application for readmission by the Admissions Committee

If the student's readmission is approved, the student will be placed on academic probation and will be required to meet regularly with the Academic Counselor during the semester. The student will have that semester to achieve 1. Term GPA of 2.50 or above or 2. Cumulative GPA of 2.00 to be removed from academic monitoring/probation and continue their enrollment at the University.

Academic Monitoring

- All students with a term GPA that falls below 2.00 will have an Academic Alert sent to the student and their academic advisor for their major.
- Students receiving an Academic Alert are required to meet with their academic advisor to review their term GPA within one (1) week of the beginning of the next semester, prior to the add/drop deadline.
- Students who earn a term GPA below 2.00 for two (2) consecutive semesters, while maintaining a cumulative GPA above 2.00, are considered "at risk" by the university, and will be encouraged to participate in academic monitoring through the Academic Counselor.

Academic Dishonesty

It is the responsibility of the faculty member to pursue suspected incidents of academic dishonesty occurring within his/her courses. If a student is found to be guilty of cheating, plagiarism, or another form of academic dishonesty, the faculty member is required to document the incident in writing and submit the report to the Provost. The first documented incident of academic dishonesty will result in the student failing the assignment or the course at the instructor's discretion depending on the severity of the incident, and the student will become ineligible for any academic awards that semester. Any subsequent documented offense of academic dishonesty by that student (regardless of whether it occurs in the same or any other course taken by the student at the University) will result in automatic failure of the course and expulsion of the student from the University for a minimum of one academic year.

Disability Services

The Master's University has an institutional commitment to promote and provide access and equality to all students seeking postsecondary education with disabilities. The University complies with Title III of the Americans with Disabilities Act of 1990 (as amended) that all public or private schools that receive federal funding are required under Section 504 of the Rehabilitation Act to provide reasonable accommodations to eliminate barriers to all students with disabilities.

To ensure equal access for students with disabilities, academic and/or non-academic accommodations and auxiliary aids shall be provided to the extent required with the state and federal laws and regulations. For each student, academic and/or non-academic accommodation and auxiliary aids shall specifically address those functional limitations of the disability that adversely affect the ability to an equal educational opportunity.

The Master's University and Seminary has established the Office of Disability Services (ODS) to verify eligibility and coordinate compliance of services for students with documented qualified disabilities. Students wanting to inquire of service eligibility procedure should contact the ODS at 661-362-2269.

Academic Policy

Catalog Year Policy

Students are subject to the graduation requirements laid out in the catalog for the academic year in which their first term of enrollment occurred in any level/program (non-matric, undergraduate, graduate). A student may file a request to change to a subsequent catalog year in which they are enrolled. All requirements must be met under the same catalog. The Master's University reserves the right to change academic policies and procedures during a student's time of enrollment.

All graduation requirements must be completed within seven academic years from the start date of a student's first academic year of enrollment. If seven academic years have elapsed from the date of initial enrollment, the student must meet the graduation requirements of a catalog dated no earlier than seven academic years prior to the anticipated graduation date.

The catalog year begins at the start of the fall semester. Any students starting enrollment in the summer will be subject to the graduation requirements of the catalog for the prior fall semester.

Discontinued Program Teach-Out Policy

If, at any time, the decision is made to discontinue offering a major/emphasis, The Master's University and Seminary (TMUS) administration will make financial and curricular arrangements to ensure that any student who has completed 50% of the required program coursework at TMUS will be able to complete his/her degree program. This may be accomplished through a variety of strategies, including offering directed studies of discontinued courses, substituting appropriate alternative elective course opportunities, and/or accepting a larger than normal amount of transfer units to meet degree requirements.

Students will be charged the same tuition and fee rates for completing a discontinued program as are being charged to students in comparable ongoing TMUS major/emphasis programs.

Family Education Rights and Privacy Act of 1974 (FERPA)

The Master's University complies with the provisions of the Family Education Rights and Privacy Act of 1974. The University does not permit access to, or the release of, personally identifiable information or educational records to any individual without the written consent of the student, with the following exceptions:

- To administrators, faculty, or staff of the University, having legitimate educational concerns.
- To medical personnel when the health of the student or others would be endangered by the withholding of information.
- To financial aid personnel in connection with an application for such aid.
- To the parents of dependent children.
- To the governmental officials designated by law, or in compliance with a judicial order.

The University may release directory information unless the student withholds permission. Directory information is defined as student's name, date of birth (month/day), major field of study, participation in sports and officially recognized university activities, height and weight of athletes, dates of attendance at the University, degrees, honors and awards received, TMU email address, enrollment status (undergraduate or graduate, full-time or part-time), year in school, photographs, and other educational institutions attended.

In addition, under the provisions of the above-named act, every student has the right to:

- Inspect and review his/her educational records.
- Request changes to items in his/her records that are not accurate.
- Obtain a copy of the University's policy related to FERPA.

Questions about the application of these policies may be directed to the Office of the Registrar.

Incoming Transcripts

Required Transcripts

- The Master's University requires an official high school transcript (or equivalent, such as GED, HiSET, or CHSPE) with a graduation date for every enrolled student.
- ALL student-athletes are required to provide official transcript(s) from every college/university they have ever attended.
- In order to award transfer credit, The Master's University requires official transcript(s) from each applicable college/university attended.

Registration Hold for Missing Transcripts

If a high school transcript (or equivalent), or student-athlete collegiate transcripts, are not received, a hold may be placed on the student's educational record that would prevent that student from enrolling in classes for their second term.

Institutional Eligibility Regulations for Athletics

Institutional Semester GPA Regulation of 1.75

Any student-athlete having a semester GPA lower than 1.75 is subject to the following guidelines:

1. First semester freshman student-athletes are allowed a one semester grace period to improve their GPA before being denied the privilege of representing the institution in athletics.
2. Student-athletes who do not have first-time freshman status or are transfer students will be denied playing status during the next semester of attendance.
3. Once student-athletes raise their GPA to 1.75 or above, they can begin athletic participation and continue as long as their semester GPA is maintained at 1.75 or above.

Institutional Cumulative Grade Point Average Regulation of 2.00

Student-athletes whose cumulative GPA falls below 2.00 are placed on academic probation. If they do not attain a cumulative GPA of 2.00 or above for a second or any subsequent semester of enrollment, they will be denied participation in intercollegiate programs and are subject to academic disqualification.
NOTE: Institutional grade point averages can be raised only by taking institutional credit hours.

Minors Policy

A minor is an optional secondary area of study which complements a major and allows students to broaden their skill set.

- Minors may not be declared until a major has been declared
- Minors are subject to the requirements stated in the student's contracted catalog.
- Minors may not be declared in a student's declared major
- Minors may only be awarded at the same time as the bachelor's degree
- Minors will not be printed on diplomas but will be posted on transcripts

No Show Policy

No shows are students who enroll in classes but never attend TMU. They may be processed via an administrative drop.

Non-attendance may be evidenced by one or more of the following:

- Non-payment of tuition and fees
- Non-attendance of classes during the entirety of add/drop
- Not in residence at TMU
- Non-attendance of chapel
- Non-enrollment in a student employment program
- Non-participation in athletics

Attendance or action in any of the above-mentioned may negate an administrative drop.
Second-session online classes will not be included in the decision; rather the First Week Attendance/Participation Policy will drop these classes for inactivity, if applicable.

Student Appeals Processes

Grade Appeals

Any student who believes that a grade received for a course, assignment, or examination has been awarded improperly or unfairly should address his/her concerns directly to the faculty instructor involved, and then, as necessary, with the department chair. If satisfactory resolution is not reached through this informal process, a student may submit a written appeal to the Provost. Appeals must be submitted within one month of the occurrence of the incident and should provide a clear description of the incident, along with an explanation of why the student believes the action was unfair. The faculty member will be invited to submit a written response to the student's appeal. The Provost will constitute an appeals committee within a week following the submission of the appeal. The committee will consist of:

- The Provost
- One full-time TMU faculty member chosen by the faculty member whose decision has been appealed
- One full-time TMU faculty member chosen by the student
- One full-time TMU faculty member chosen by the Provost

The appeals committee will read the student's written appeal and the faculty member's response. They may request the student and/or faculty member to be available to respond to questions relating to the issue. The committee will consider all the information and come to a decision relating to the appeal. The Provost will be responsible for communicating the decision in writing to the student and faculty member.

Appeals of Academic Dismissal

A student subject to academic dismissal because of a low cumulative GPA or because of academic dishonesty may appeal by submitting a letter to the Provost within two weeks of being notified of dismissal, along with an explanation of why the student believes the dismissal was unfair. The student's request will be reviewed by the Provost with input from the student's advisor, faculty who have had the student in recent classes, and the academic counselor. The Provost will make a decision on the appeal, which will be communicated in writing to the student.

Appeals of Student Life Department Disciplinary Decisions

Should a student's conduct put his/her standing with the school in jeopardy because of violations of student policy, the issue shall be brought before the Student Life Deans of Men and Women. If, after careful consideration of the issue, they conclude it is in the best interests of the individual and the University for the student to be dismissed, it is in their power to take such action. Should the student wish to appeal that decision, he/she may do so through the Campus Pastor within 48 hours. The appeal must be made by the student; appeals from outside parties will not be processed. An Appeals Committee will convene consisting of the Campus Pastor acting as the presiding officer (with no vote), one faculty member, the student's Resident Director (RD), one member of the Student Life staff, the Associated Student Body Chaplain, and, if the appealing student desires, two character references of his/her choice (with no vote). The Campus Pastor may also invite any student with relevant information to provide testimony to the committee. Once the committee has convened, the presiding officer will invite the appropriate Dean and Resident Assistant (RA) into the meeting, along with the appealing student and as many as two character references chosen by the student. The Dean will be asked to state the issues, after which the appealing student will be given every opportunity to state his/her appeal. When all parties are satisfied that the issues have been clearly communicated and understood, the Dean, appealing student, and character references will be asked to leave; although, the committee may request the return of the Dean or the student for further clarification. After any needed deliberation, the committee will come to a decision. Both the Dean and the student in question will then be asked to return. If the committee was not in agreement with the dismissal decision, they give their reasoning and recommend a change in the decision. If the committee upholds the Dean's decision, no further provision for appeal is available.

Student Records

Student records are closed to revisions in enrollment, grading, and academic action on award of a degree plus one year. Students are responsible for requesting review of their record prior to award of their degree.

Veteran Benefits

The Master's University is approved as a degree-granting institution for the acceptance of veteran benefits under Title 38, United States Code. This includes the programs covered in chapters 30, 31, 32, 33 (Post 9/11 GI Bill® and the Yellow Ribbon Program), and 35 of Title 38, and chapter 1606 of Title 10. The Bureau for Private Postsecondary Education under the State of California Department of Consumer Affairs has also authorized the University for the attendance of veterans and dependents who are eligible to receive benefits. Veterans or their dependents who plan to enroll in the University are urged to contact the VA School Certifying Official in the Office of Financial Aid well in advance of registration so that the necessary arrangements may be made with the U.S. Department of Veterans Affairs or the California Department of Veterans Affairs.

For Post 9/11 GI Bill® (Ch 33) students and VA Veteran Readiness and Employment (Ch 31) students, our tuition policy complies with 38 USC 3679(e) which means Post 9/11 GI Bill® and Veteran Readiness and Employment students will not be charged or otherwise penalized due to a delay in VA tuition and fee payments. For eligibility consideration, a Post 9/11 GI Bill® student must submit a VA Certificate of Eligibility (COE) and a Vocational Rehabilitation Student must provide a VAF 28-1905 form. All persons seeking enrollment must meet the general admissions policies.

Those seeking to use VA Education Benefits must submit all prior transcripts for a transfer evaluation and submit one of the following a 22-1990, 22-1995, 22-5490, or a 22-5495 to the VA. GI Bill® is a registered trademark of the U.S. Department of Veterans Affairs (VA).
More information about education benefits offered by the VA is available at the official U.S. government website at www.benefits.va.gov/gibill/.

The Master's University maintains hard copies and digital records of all VA students including, but not limited to, the Veteran's pursuit and progress made towards a specific degree. An official transcript for each new semester is added to the Veterans file that displays: the final grade for each class in a given semester, a record of a withdrawal from a class, a record of re-enrollment for a class that the Veteran was issued a withdrawal, and all units that were transferred in from another college or have been earned by the Veteran in the course of attending the Master's University.

Reserve Officer Training Corps (ROTC) Program

Both the Air Force and the Army offer the ROTC program to TMU students under special arrangements that allow TMU students to attend academic classes and earn their degree at TMU while participating in the ROTC program at nearby universities. Air Force ROTC is offered at Loyola Marymount University (LMU), University of Southern California (USC), and University of California, Los Angeles (UCLA). The Army offers ROTC at UCLA, which also runs a satellite program at California State University, Northridge (CSUN).

GRADUATION REQUIREMENTS

Minimum Graduation Requirements

The Master's University grants bachelor's degrees (i.e. Bachelor of Arts, Bachelor of Music, and Bachelor of Science) to students who satisfy the graduation requirements described below:

1. Complete a minimum of 121 semester units of credit.
2. Complete a minimum of 40 semester units in upper division courses.
3. Satisfy all General Education requirements.
4. Complete the required curriculum for the chosen major field(s) of study. (*Transfer students must take at least 12 semester units of upper division work in their major at TMU.)*
5. Maintain a minimum GPA of 2.00 (cumulative) in all TMU courses. *(Some majors have different GPA requirements. Please see individual departments for details.)*
6. Complete a minimum of 32 semester units at TMU, not including Directed Studies coursework.
7. A maximum of 12 units can be transferred to complete degree requirements after the last 12 units taken at TMU.

The graduation requirements for TMU's graduate programs are listed in the Graduate Studies Division section.

Commencement Exercises

TMU holds commencement exercises once a year at the end of the Spring semester. A student may participate only if he/she has six units or fewer of all graduation requirements remaining by the date of the commencement exercises.

A student who wishes to participate in the commencement exercises must begin the Graduation Contract process with the Registrar's Office in the second semester of their junior year. This process is intended to document the student's progress towards graduation and to facilitate TMU's preparations for commencement exercises and diploma production. Students must complete the Graduation Contract by the final day of the Fall semester in the academic year they wish to graduate.

The University reserves the right to impose a late fee on students who fail to complete the Graduation Contract by the deadline listed above.

Honors regalia: see Scholastic Honors.

General Education Requirements

The general education (G.E.) courses taken by all students are designed to be the foundation for a liberal arts education. A liberal arts education aims to expose students to a wide variety of values, ideas, and assumptions that will help them better appreciate the responsibilities and benefits of a free society. It is also designed to give them a common core of knowledge that will aid their understanding of society and culture.

The University has developed a G.E. program designed to form the minimum core of each student's liberal arts education. Each student under the G.E. requirements must complete a minimum of 61 G.E. semester units for the B.A. and B.S. degrees, or 49 G.E. semester units for the B.M. degree. See page 51 for the complete G.E. listing.

One course can be used to satisfy only one G.E. requirement. In the event one course ostensibly satisfies more than one G.E. requirement, the student must declare which G.E. requirement that course is intended to satisfy. (Note: one course may be used to satisfy a G.E. requirement and a major requirement.)

G.E. Transfer Information

Most G.E. requirements may be satisfied through transfer courses accepted by the Office of the Registrar. (See Transfer Credit Policies for information on IGETC and G.E. Breadth.) However, departments or majors and emphases may have specific substitution and/or waiver requirements. Students who seek to satisfy one or more G.E. requirements with transfer credit should refer to the "G.E. Substitutions and Waivers" (see pages 52-53) and the appropriate departmental section in this catalog.

Even if coursework completed at another institution is not accepted to fulfill a G.E. requirement, a student may nonetheless be awarded transfer units in accordance with Registrar's Office transfer policy.

Biblical Studies requirements:
Students transferring ≤60 total units must complete all 7 courses (21 units) of the Biblical Studies G.E. curriculum prior to graduation.

Students transferring ≥ 61 total units may need to satisfy fewer than 7 Biblical Studies G.E. courses as evaluated and confirmed by the Registrar's Office prior to the start of the student's first undergraduate semester. The evaluation is based on approximate full-time semesters of enrollment starting with their first undergraduate semester at TMU until graduation.

The Master's University firmly believes in the inerrancy, authority, and sufficiency of the Scriptures. Hence, we strongly recommend that students transferring ≥ 61 total units start with Old Testament Survey I & II and New Testament Survey I & II before taking Christian Theology I, II, or Essentials of Christian Thought.

Some Bible coursework at other institutions may be accepted by the Registrar's office to satisfy TMU's G.E. requirements. Please contact the Registrar's office for more information.

Science requirements:
TMU will accept an accredited science lecture and lab in transfer to satisfy G.E. science.

General Education Courses

For all Undergraduate Students

Excluding Bachelor of Music

Scripture Set

B121	Essentials of Christian Thought	3
B101	Old Testament Survey I	3
B102	Old Testament Survey II	3
B201	New Testament Survey I	3
B202	New Testament Survey II	3
BTH321	Christian Theology I	3
BTH322	Christian Theology II	3
Total Scripture Set units		*21*

Worldview Set

P311	Essentials of Philosophy	3
MU190	Essentials of Music & Art	3
ECN200	Essentials of Economics & Society	3
One of the following Science lectures		*3*
	GS150 Essentials of Geology (3)	
	LS150 Essentials of Biology (3)	
H211	Essentials of World History I	3
H212	Essentials of World History II	3
H230	Essentials of U.S. History	3
E___*	Literature Elective	3

** Excludes: E322, E330, E353, E364, E435, E436, E491A, E491B.*

One of the following for Literature Survey		*3*
	E200 Great Works of Literature Survey (3)	
	E211 English Literature I (3)	
	E212 English Literature II (3)	
	E221 World Literature I (3)	
	E222 World Literature II (3)	
	E231 American Literature I (3)	
	E232 American Literature II (3)	
Total Worldview Set units		*27*

Skills Set

C100	Spoken Communication	3
MA240	Critical Thinking & Quantitative Analysis	3
POL220	U.S. Government*	3

**Only waived for non-U.S. citizens and non-resident aliens. U.S. Citizens (regardless of current country of residence) and resident Aliens are NOT exempt from this requirement.*

E110	English Composition	3
One of the following Science labs		*1*
	LS150L Essentials of Biology Lab (1)	
	GS150L Essentials of Geology Lab (1)	
Total Skills Set units		*13*

Total General Education units		*61*

For Bachelor of Music students only

Scripture Set

B121	Essentials of Christian Thought	3
B101	Old Testament Survey I	3
B102	Old Testament Survey II	3
B201	New Testament Survey I	3
B202	New Testament Survey II	3
BTH321	Christian Theology I	3
BTH322	Christian Theology II	3
Total Scripture Set units		*21*

Worldview Set

P311	Essentials of Philosophy	3
MU295	Music & Art for Musicians	3
One of the following Science lectures		*3*
	GS150 Essentials of Geology (3)	
	LS150 Essentials of Biology (3)	
H230	Essentials of U.S. History	3
One of the following History lectures		*3*
	H211 Essentials of World History I (3)	
	H212 Essentials of World History II (3)	
One of the following for Literature Survey		*3*
	E200 Great Works of Literature Survey (3)	
	E211 English Literature I (3)	
	E212 English Literature II (3)	
	E221 World Literature I (3)	
	E222 World Literature II (3)	
	E231 American Literature I (3)	
	E232 American Literature II (3)	
Total Worldview Set units		*18*

Skills Set

MA240	Critical Thinking & Quantitative Analysis	3
POL220	U.S. Government*	3

**Only waived for non-U.S. citizens and non-resident aliens. U.S. Citizens (regardless of current country of residence) and resident Aliens are NOT exempt from this requirement.*

E110	English Composition	3
One of the following Science labs		*1*
	LS150L Essentials of Biology Lab (1)	
	GS150L Essentials of Geology Lab (1)	
Total Skills Set units		*10*

Total General Education units		*49*

G.E. Substitutions & Waivers - by major

Depending on the student's major, certain G.E. requirements allow for substitutions or include waivers:
This page reflects ALL of the G.E. Substitutions & Waivers listed ***by specific TMU Major.***
The following page reflects ALL of the G.E. Substitutions & Waivers listed ***by specific GE Course.***

All

For B102/B201: (Non-Biblical Studies majors only) IBEX300 The Land & The Bible (with approval)*
*IBEX300 (6 units) fulfills requirements for B102 and B201 if qualifying pre-/ post-trip work is completed. Students are required to notify IBEX in advance of their intent to fulfill one or both classes. Completion fulfills the G.E. requirement only; additional TMU units may be needed to reach graduation thresholds. Compliance will be monitored by the IBEX Academic Coordinator and by the Registrar's Office.

For E110*

31+ score	ACT: English Section
3+ score	AP Language & Composition exam
3+ score	AP Literature & Composition exam
5+ score	Criterion Online Writing Evaluation Service from ETS
700+ score	SAT 1: Evidence-Based Reading & Writing section
10+ score	WriterPlacer exam from Collegboard

* See GE Transfer Information. No semester units awarded. Student is still held accountable for the minimum number of required units to meet graduation requirements.

For H211/H212: pass World History Competency Exam & 3 Upper Division History units.

For MA240: MA101 College Algebra and MA102 Trigonometry, or MA121 Calculus I, or MA260 Elementary Statistics

For MU190: ART338 Art History of the Western World

POL220: only waived for non-U.S. citizens and non-resident aliens. U.S. Citizens (regardless of current country of residence) and resident aliens are NOT exempt.

Audio Production

For MU190: MU295 Music & Art for Musicians

Biblical Studies

For C100: BMN312 Message Preparation for Women, or BMN371 Sermon Preparation
For P311: BCW363 Apologetics
For MU190: BMN333/MU333 Worship & Songs of the Church

Biological & Physical Science

For LS150/GS150 (lecture & lab): LS151/LS151L Organismic Biology

Business Administration

For C100: MGT330 Business Communication
For MA240: BUS310 Statistics for Business
For P311: BUS330 Business Ethics

Computer Science

MA240: not required

Ed. emphases: English Ed., History Ed., Liberal Studies: Elementary Ed., Liberal Studies: Special Ed., Life Sciences Ed., Mathematics Ed., Music Ed.,

For P311: P321 History and Philosophies of Education

Engineering

MA240: not required
For LS150/GS150 (lecture & lab): CH151/CH151L General Chemistry I

Entrepreneurship

For C100: MGT330 Business Communication
For MA240: BUS310 Statistics for Business
For P311: BUS330 Business Ethics

Kinesiology

For LS150/GS150 (lecture & lab): LS151/LS151L Organismic Biology

Marketing Media

For C100: MGT330 Business Communication
For MA240: BUS310 Statistics for Business
For P311: BUS330 Business Ethics

Mathematics

MA240: not required

Music

For MU190: MU295 Music & Art for Musicians

Music, (B.M.)

C100: not required
Literature Elective: not required
ECN200: not required
H211 or H212 required

Single Subject Teaching Credential

H211 and H212 required

Sport Management

For C100: MGT330 Business Communication
For MA240: BUS310 Statistics for Business
For P311: BUS330 Business Ethics

G.E. Substitutions & Waivers - by course

Depending on the student's major, certain G.E. requirements allow for substitutions or include waivers:
This page reflects ALL of the G.E. Substitutions & Waivers listed ***by specific GE Course.***
The previous page reflects ALL of the G.E. Substitutions & Waivers listed ***by specific TMU Major.***

B102 Old Testament Survey II
B201 New Testament Survey I

All Non-Biblical Studies: IBEX300 The Land & The Bible (with approval)*

*IBEX300 (6 units) fulfills requirements for B102 and B201 if qualifying pre-/ post-trip work is completed. Students are required to notify IBEX in advance of their intent to fulfill one or both classes. Completion fulfills the G.E. requirement only; additional TMU units may be needed to reach graduation thresholds. Compliance will be monitored by the IBEX Academic Coordinator and by the Registrar's Office.

C100 Spoken Communication

Biblical Studies: BMN312 Message Preparation for Women, or BMN371 Sermon Preparation
Business Administration: MGT330 Business Communication
Entrepreneurship: MGT330 Business Communication
Marketing Media: MGT330 Business Communication
Music (B.M.): not required
Sport Management: MGT330 Business Communication

E110 English Composition

All:

31+ score	ACT: English Section
3+ score	AP Language & Composition exam
3+ score	AP Literature & Composition exam
5+ score	Criterion Online Writing Evaluation Service from ETS
700+ score	SAT 1: Evidence-Based Reading & Writing section
10+ score	WriterPlacer exam from Collegboard

* See GE Transfer Information. No semester units awarded. Student is still held accountable for the minimum number of required units to meet graduation requirements.

ECN200 Essentials of Economics & Society

Music (B.M.): not required

H211 Essentials of World History I &
H212 Essentials of World History II

All: Pass World History Competency Exam & 3 Upper Division History units
Music (B.M.): one or the other required
Single Subject Teaching Credential: both required

Literature Elective

Music (B.M.): not required

LS150/LS150L Essentials of Biology or
GS150/GS150L Essentials of Geology

Biological & Physical Science: LS151/LS151L Organismic Biology
Engineering: CH151/CH151L General Chemistry I
Kinesiology: LS151/LS151L Organismic Biology

MA240 Critical Thinking & Quantitative Analysis

All: MA101 College Algebra and MA102 Trigonometry, or MA121 Calculus I, or MA260 Elementary Statistics
Business Administration: BUS310 Statistics for Business
Computer Science: not required
Engineering: not required
Entrepreneurship: BUS310 Statistics for Business
Marketing Media: BUS310 Statistics for Business
Mathematics: not required
Sport Management: BUS310 Statistics for Business

MU190 Essentials of Music & Art

All: ART338 Art History of the Western World
Audio Production: MU295 Music & Art for Musicians
Biblical Studies: BMN333/MU333 Worship & Songs of the Church
Music: MU295 Music & Art for Musicians

P311 Essentials of Philosophy

Biblical Studies: BCW363 Apologetics
Business Administration: BUS330 Business Ethics
English Ed.: P321 History and Philosophies of Education
History Ed.: P321 History and Philosophies of Education
Liberal Studies: Elementary Ed.: P321 History and Philosophies of Education
Liberal Studies: Special Ed.: P321 History and Philosophies of Education
Life Sciences Ed.: P321 History and Philosophies of Education
Mathematics Ed.: P321 History and Philosophies of Education
Music Ed.: P321 History and Philosophies of Education
Entrepreneurship: BUS330 Business Ethics
Marketing Media: BUS330 Business Ethics
Sport Management: BUS330 Business Ethics

POL220 U.S. Government

Only waived for non-U.S. citizens and non-resident aliens.
U.S. Citizens (regardless of current country of residence) and resident aliens are NOT exempt.

General Education - Program Learning Outcomes

Biblical Studies

1. Demonstrate a working knowledge of the background, content, and theological contributions of each book of the Old and New Testaments.
2. Describe the essential teaching of Scripture in each major area of theology and the interrelationship among the areas.

Biological & Physical Sciences

1. Explain the scientific method, its use, and limitations within each of its various disciplines, and its relation to Truth.
2. Demonstrate an understanding of how the glory of God is revealed through an increased understanding of the complexity and beauty of His creation.
3. Compare and contrast the effect of various theocentric and naturalistic worldviews on the development of biological and physical sciences and scientific thought in general.
4. Explain the use of the scientific process within the biological and physical sciences, identifying foundational assumptions, processes for inquiry, establishment of conclusions, and application of those principles in the day-to-day happenings in the world.
5. Demonstrate an ability to use the scientific process to solve qualitative and quantitative problems in the biological and physical sciences in both the classroom and laboratory settings.
6. Demonstrate the ability to perform the basic operations associated with standard laboratory procedures in the biological and physical sciences.

Economics

1. Demonstrate the ability to develop a life-long approach to personal financial management, understanding resource allocation as stewardship from God.
2. Explain resource allocation expressed in the laws of supply and demand as they relate to human nature and to the shaping of history in general.
3. Describe the implications of free-market forces as they relate to Classical vs. Keynesian theories.

History

1. Grasp the general sweep of human history from the Creation to the present, especially those persons, events, trends, nations, and ideologies that have had the greatest impact on our present civilization, including our American experience.
2. Evaluate historical developments in a larger context, especially the most salient cultural and intellectual elements of the past that have shaped the present.
3. Integrate a biblical view of man and society into the study of the past.

Information Literacy

1. Demonstrate baccalaureate-degree-level information literacy competency within the context of the major academic disciplines.

Listening Skills

1. Identify and evaluate basic concepts at the heart of a spoken presentation, including purpose, assumptions, evidence, argument, and inference.

Logic & Critical Thinking

1. Demonstrate a mastery of the basic principles of logical reasoning/critical thinking to construct and evaluate accurate lines of inductive or deductive reasoning in real life applications.
2. Demonstrate baccalaureate-degree-level critical thinking competency within the context of the major academic disciplines.

Mathematics & Quantitative Reasoning

1. Use arithmetic operations, basic geometric, and algebraic operations to solve typical "daily life" problems.
2. Use estimation to evaluate whether quantitative data presented in "daily life" situations is reasonable and/or representative.
3. Evaluate the accuracy, validity, and reliability of statistical information presented in "daily life" situations.
4. Demonstrate baccalaureate-degree-level quantitative reasoning competency within the context of the major academic discipline.

Music & Art

1. Identify and discuss the historical styles and periods of music and art, and the interrelationship with general history, philosophies, culture, church history, and other arts.
2. Articulate a biblically based philosophy of music and art.

Philosophy

1. Demonstrate a basic knowledge of major philosophers and their times, the issues they sought to resolve, and their effect on the development of philosophical thought.
2. Accurately explain the major elements of at least one current philosophical worldview and evaluate how the worldview will affect individual and societal responses to contemporary moral and ethical issues.
3. Evaluate the major elements of at least one current philosophical worldview considering the Bible and biblical worldview assumptions.

Political Studies

1. Demonstrate a foundational working knowledge of the basic principles that form the basis of the American governmental system and the context in which it was established.
2. Explain in broad terms the American political process.
3. Describe in broad terms the U.S. Constitution and the duties, responsibilities, and rights therein.

Reading & Literature

1. Recognize key elements within literary texts, both fiction and nonfiction, and identify their literary, cultural, and biblical implications.
2. Read literary texts attentively to identify how the theme(s) inherent in the work may have been influenced by the author's purpose, presuppositions, historical and/or contemporary culture.
3. Demonstrate a grasp of the philosophical outline of English, American, or World literature, together with an awareness of intertextuality and contributions to the literary cannon.

Spoken Communication

1. Demonstrate a mastery of basic English vocabulary.
2. Prepare and present a range of speeches that:
3. Present information, ideas, positions, or opinions in a manner that reflects the virtues of clarity, concision, accuracy, and persuasion.
4. Adapt words and rhetorical strategies according to varying situations and audiences.
5. Make assumptions clear.
6. Use relevant logical arguments and appropriate examples.
7. Incorporate various aspects of nonverbal communication, including intonation, pause, gesture, and body language.
8. Present creative and original thoughts and ideas, extending beyond summarization and repetition of readily available published information.
9. Demonstrate baccalaureate-degree-level oral communication competency within the context of the major academic discipline.

Written Communication

1. Prepare and present essays and other types of written documents that demonstrate the writer's ability to write clearly and appropriately for a variety of purposes and audiences.
2. Give evidence of ability to revise, edit, and proofread a written draft to produce work that is ready for its readers, including but not limited to skill in appropriate word usage, knowledge of the conventions of Standard Written English, and consistently accurate spelling.
3. Demonstrate baccalaureate-degree-level written communication competency within the context of the major academic disciplines.

UNIVERSITY SCHOOLS

School of Biblical Studies

School of Business & Communication

Pearl C. Schaffer School of Education

John P. Stead School of Humanities

Paul T. Plew School of Music

School of Science, Mathematics, Technology, & Health

School of Online Education

Traditional Academic Programs

The Master's University offers comprehensive academic undergraduate programs. Included in the undergraduate program are 16 major fields of study with over 70 distinctive emphases. See Online Academic Programs below.

Bachelor of Arts Degrees

Audio Production

Biblical Studies, *or with emphases in:*
- Biblical Counseling
- Biblical Languages
- Christian Education/Ministry
- Global Studies
- Theology

Biological Science *with emphases in:*
- Animal Science/Pre-Veterinary
- Cellular & Molecular Biology
- Environmental Biology
- Life Sciences Education
- Paleontology/Natural History
- Pre-Allied Health
- Pre-Dentistry
- Pre-Medicine
- Pre-Nursing

Cinema & Digital Arts

Classical Liberal Arts

Communication *with emphases in:*
- Communication Studies
- Creative Writing & Publishing
- Journalism
- Visual Communication

English, *or with emphasis in:*
- English Education

Entrepreneurship

History, *or with emphasis in:*
- History Education

Interdisciplinary Studies

Liberal Studies, *or with emphasis in:*
- Elementary Education
- Special Education

Marketing Media

Mathematics *with emphases in:*
- Applied Mathematics
- Mathematics Education
- Pre-Engineering
- Pure Mathematics

Music, *or with emphases in:*
- Music and Worship
- Music Production

Political Studies *with emphases in:*
- American Politics
- Constitutional Law
- Criminal Justice
- Political Theory

Sport Management

Bachelor of Music Degrees

Composition

Music Education

Performance with Emphasis in Piano Pedagogy

Piano Performance

Vocal Performance

Cello Performance

Clarinet Performance

Flute Performance

Guitar Performance

Organ Performance

Viola Performance

Violin Performance

Bachelor of Science Degrees

Biological Science *with emphases in:*
- Animal Science/Pre-Veterinary
- Cellular & Molecular Biology
- Environmental Biology
- Life Sciences Education
- Paleontology/Natural History
- Pre-Allied Health
- Pre-Dentistry
- Pre-Medicine
- Pre-Nursing

Business Administration *with emphases in:*
- Accounting
- Agricultural Business
- Christian Ministries Administration
- Finance
- International Business
- Management
- Management Information Systems
- Marketing
- Pre-Law
- Public Relations

Computer Engineering

Computer Science *with emphases in:*
- Artificial Intelligence
- Computing Systems
- Electrical Engineering
- Information Systems
- Mathematics
- Mechanical Engineering

Electrical Engineering

Geoscience *with emphases in:*
- Environmental Science
- Geology

Kinesiology *with emphasis in:*
- Exercise Science
- Pre-Allied Health Professions

Mechanical Engineering

Graduate Degree

Biblical Counseling (M.A.)

Biblical Counseling (D.Min.)

Minors

Accounting

Biblical Counseling

Biblical Studies

Biology

Business Administration

Communication

Computer Science

Education

English

History

Geoscience

Global Studies

Kinesiology

Mathematics

Music

Political Studies

Minors are printed on the transcripts, and not on the diploma.

Certificates

One-Year Bible

Women's Ministry Certificate

Certificates are printed on the transcripts, and not on the diploma.

Online Academic Programs

The Master's University offers a wide range of accredited and fully online undergraduate and graduate degree programs and G.E. courses that are available to high school, traditional, and graduate students, and to other students seeking personal enrichment. Each online course makes use of a combination of lectures given by TMU faculty, assignments, projects, threaded discussions, and examinations that are accessed through the University's learning management system. All courses are taught from a thoroughly biblical worldview. Credit gained from completion of online courses can be used toward completing a degree at TMU and other colleges or universities. Students may obtain more information about the School of Online Education by contacting the administrative offices at 661-362-2780 or by emailing tmuonline@masters.edu.

Bachelor of Arts Degrees

Biblical Counseling

Biblical Studies

Christian Ministries

Cinema & Digital Arts

Communication *with emphases in:*
- Creative Writing and Publishing
- Journalism

Liberal Studies

Marketing Media

Organizational Management

Bachelor of Science Degrees

Business Administration *with emphases in:*
- Accounting
- Finance
- Public Relations
- Management
- Marketing

Graduate Degrees

Biblical Studies (M.A.), *or with emphases in:*
- Biblical Languages
- Missions
- Music & Worship
- Theological Studies
- Women's Ministry

Business Administration (MBA) *with emphases in:*
- Management
- Sport Management

Education (M.Ed.)

Healthcare Administration (MHA)

Additional Program Opportunities

Cooperative Programs

The Master's University cooperative study programs provide students with numerous opportunities for off-campus learning experiences locally, nationally, and internationally.

In addition to TMU's own Israel Bible Extension (IBEX) and Italy Program, students benefit from the University's participation in the Council for Christian Colleges and Universities' American Studies Program, which provides for off-campus learning opportunities. For information on CCCU-sponsored programs, write or call:

Council for Christian Colleges and Universities
321 Eighth Street N.E.
Washington, D.C. 20002
202-548-5201
e-mail: info@bestsemester.com
web: www.bestsemester.com

Israel Bible EXtension (IBEX)

This full semester-abroad program is a high-quality educational opportunity in Israel for students who wish to enhance their knowledge of the Bible's historical, archaeological, and geographic background. Classroom lectures are integrated with extensive field trips. The student's educational experience, as well as his/her personal maturation, will be significantly enhanced by the cross-cultural experience that the semester provides. Students must apply for this program and be in reasonable physical condition and free of medical limitations. For information on IBEX, see the IBEX section under the School of Biblical Studies in this catalog and/or contact the IBEX Office at 1-800-568-6248. This program is sponsored by The Master's University & Seminary. *Prerequisite: B101 Old Testament Survey I and a cumulative TMU GPA of 2.9.*

The Master's University in Italy

Led by Dr. Grant Horner and Prof. Esther Chua, TMU in Italy is a study abroad program based in incomparably beautiful Italy. Students, upon acceptance to the program, will spend six weeks in Italy in July through mid-August to earn 9 undergraduate credits in a variety of courses while deeply immersed in Italian culture. The entire program is based on exploring the question "quid est homo?" ("what is Man?") asked by the Italian Renaissance Christian Humanist scholars, and the related biblical question "what is man that Thou art mindful of him?" (Psalm 8). This program is open to all majors. For additional information, visit the website: www.masters.edu/italy.

5-Year B.A./M.Div.

The 5-Year B.A./M.Div. allows students to receive a B.A. in Biblical Studies (emphasis in Biblical Languages) from The Master's University and an M.Div. from The Master's Seminary in five years, including a semester at IBEX. This condensed, academically rigorous program provides a streamlined education that allows students to graduate with less debt, while preparing them for further education, student ministries, associate pastor positions, or Christian education. For more information, see the corresponding section of this catalog or contact the School of Biblical Studies at 1-800-568-6248. *Note: For men only.*

American Studies Program (ASP)

Founded in 1976, the American Studies Program has served hundreds of students as a "Washington, D.C. campus." ASP uses Washington as a stimulating educational laboratory where collegians gain hands-on experience with an internship in their chosen field. Participants explore pressing national and international issues in public policy seminars led by ASP faculty and Washington professionals. Students select enrollment in one of two tracks: Public Policy and Strategic Communication. Both tracks examine the same public issues and culminate in field projects assessing those issues in light of biblical principles and Christian responsibility. Students in the Public Policy track investigate a pressing public policy issue being debated on Capitol Hill and focus on the political difficulties policymakers face when economic, humanitarian, and national security priorities come into conflict with one another. Students in the Strategic Communication track engage Washington, D.C.-based organizations and communication professionals to explore the role of strategic communication in achieving organizational goals. The aim of ASP is to help CCCU schools prepare their students to live faithfully in contemporary society as followers of Christ. Students earn 15-16 semester hours of credit.

Reserve Officer Training Corps (ROTC) Program

Air Force ROTC (AFROTC)
AFROTC offers a variety of two-, three-, and four-year scholarships that may pay up to the full cost of tuition, books, and fees. Some scholarships may also provide a monthly stipend for personal expenses. Successful completion of AFROTC leads to a commission as a second lieutenant in the United States Air Force. No military commitment is incurred until entering the last two years of the program (Professional Officer Course) or accepting an AFROTC scholarship. Aerospace Studies classes and Leadership Laboratories are conducted at various times during the week on the campuses of LMU, USC, and UCLA. For more information, contact the Department of Aerospace Studies (AFROTC) at one of the following universities: LMU at 310-338-2770, USC at 213-740-2670, or UCLA at 310-825-1742, ext. 3.

Army ROTC (AROTC)
AROTC is a program that enables students to become officers in the U.S. Army, Army Reserves, or Army National Guard while earning a college degree. The curriculum supplements students' academic majors by offering elective courses ranging from leadership and management to military law. Courses are augmented with leadership laboratories that stress practical skills such as first aid, land navigation, survival techniques, rappelling, military tactics, and scenario-driven leadership reaction courses. Scholarships are available for two, three, and four years of academic study and are awarded on a competitive basis. Students may select a branch of the Army in which to be commissioned from 16 specialty fields, including military intelligence, aviation, signal communications, finance, logistics, nursing, and engineering. Prior to completion of the ROTC program, students may request to go on active duty or serve part-time in the Army Reserves or National Guard. For more information, contact AROTC at one of the following universities: CSUN at 818-677-7855 or UCLA at 310-825-7381.

The Master's Seminary

The Master's Seminary exists to advance the kingdom of the Lord Jesus Christ by equipping godly men to be pastors and/or trainers of pastors for excellence in service to Christ in strategic fields of Christian ministry. This is to be accomplished through an educational program and an environment of spiritual fellowship and relationships that emphasize unreserved commitment to the worship of God, submission to the authority of the Scriptures, a life of personal holiness, the priority of the local church, and the mission of penetrating the world with the Truth.
The Master's Seminary offers six degree programs:

Diploma of Theology (Dip.Th.)

Bachelor of Theology (B.Th.)

Master of Biblical Ministry (M.M.B., Spanish)

Master of Divinity (M.Div.)

Master of Theology (Th.M.)

Doctor of Philosophy (Ph.D.)

Doctor of Ministry (D.Min.)

The Master's Seminary is located on the campus of Grace Community Church in Sun Valley, California. Prospective applicants may request further information by calling The Master's Seminary Office of Admissions at 1-800-CALL-TMS (1-800-225-5867). Website: www.tms.edu.

School of Biblical Studies

Dr. Thomas A. Halstead, Dean

DEPARTMENT OF BIBLICAL STUDIES

Dr. Greg Gifford, Chairperson

The Master's University has developed one of the strongest Biblical Studies programs anywhere in the United States. The Department of Biblical Studies stresses the understanding, interpretation, and application of biblical literature. The biblical material is studied in light of its original historical environment so that an authentically biblical understanding can be applied to the theological and cultural issues of the modern age. The department attempts to assist all students in developing a biblical worldview in which the principles and norms derived from the Word of God are applied to the whole of life. Spiritual values are emphasized so that practical spiritual growth is experienced along with academic achievement.

Mission

We hold the Word of God to be sufficient in all things, including its own interpretation. To best equip our students for their intended fields, ministry or otherwise, we teach them how to approach the Word: through studying Greek and Hebrew as well as the historical and cultural context of each passage. Our students also take classes in theology, biblical counseling, and individual books of Scripture. All of our faculty and staff affirm our full doctrinal statement, which has remained essentially unchanged since our founding. We believe and teach:

- The inerrancy of the Bible,
- the tri-unity of the Father, the Son, and the Holy Spirit,
- the total depravity of man,
- the necessity of salvation by grace alone through faith alone,
- and the coming earthly kingdom of Christ.

Program Policies

Grade/GPA Requirement

All Biblical Studies majors are required to earn a grade of C (2.0) or better in every Biblical Studies major course except Elementary Greek or Hebrew. A student who earns a grade below C (2.0) must repeat the course until they earn a grade of C (2.0) or above.

Minor in Biblical Studies, Minor in Biblical Counseling, Minor in Global Studies Requirement

Courses must be completed at TMU, or with an IBEX G.E. substitute (with approval). Transfer credit will not be accepted. Up to 12 units can be taken online; the rest must be taken in person.

One Year Bible Program, Women's Ministry Certificate Requirement

Courses must be completed at TMU and taken in person. Transfer credit and courses taken online will not be accepted.

Online Enrollment Restrictions for Traditional Students

For the purposes of this policy, a TMU student who declares and is currently pursuing a Traditional curriculum as indicated on his/her academic record. Traditional students may take any online G.E. courses. However, they may not take upper division Biblical Studies courses, or any major courses from the Biblical Studies, Biblical Counseling, or Christian Ministries online degree programs. If any traditional student desires to pursue a minor in Biblical Studies, all their courses must be taken on campus. They cannot be taken online or in IBEX.

Bachelor of Arts in Biblical Studies

There are several baccalaureate emphases offered. Each of these emphases is designed to prepare students for future ministry as teachers, missionaries, and church leaders, as well as for graduate and professional study. Each major and/or emphasis is overseen by a Biblical Studies faculty member, as listed in parentheses with each emphasis.

Biblical Studies Core Courses

Biblical Studies Core Program Learning Outcomes

1. Demonstrate a working knowledge of either Greek or Hebrew at a level appropriate for the emphasis.
2. Demonstrate the correct application of hermeneutical principles to develop an interpretation of a biblical text.
3. Clearly articulate a biblical philosophy of ministry as it relates to the purpose of the Church.
4. Describe the concept of vocation from a biblical perspective.

Biblical Studies Core Courses

B352	Hermeneutics	3
B400	Senior Integrative Seminar	3
B490	Senior Comprehensive Exam	0
One of the following		*8*
	BL301 and 302 Elementary Greek I, II (4, 4)	
	BL311 and 312 Elementary Hebrew I, II (4, 4)	
Total units required for core courses		*14*

Biblical Counseling Emphasis

Biblical Counseling *(Greg Gifford)*

The Biblical Counseling emphasis consists of a study of the principles and aspects of biblical counseling and is designed to prepare God's people to meet counseling-related needs wherever they exist with the sufficient and superior resources God provides. The course of study trains students to counsel people in the local church. It emphasizes the proper interpretation and specific application of Scripture in ministering to people.

Biblical Counseling Program Learning Outcomes

1. Demonstrate the correct application of hermeneutical principles to develop an interpretation of a biblical text, including a foundational working knowledge of biblical Greek.
2. Explain the foundational theological principles of biblical counseling with particular focus on the doctrines of inspiration, inerrancy, and sufficiency of the Scriptures, leading to the ability to biblically interact with and respond to current trends, conceptual approaches, and practices in the counseling field.
3. Explain from Scripture the role of biblical counseling within the larger work of the church, particularly its relationship to evangelism and discipleship.
4. Based on interaction with and data gathering about a counselee, develop a counseling methodology that effectively applies a broad range of relevant biblical passages to counselee issues—in particular core issues of the heart—and understand the centrality of the gospel as the basis for biblical change that leads to true worship.
5. Demonstrate a consistent pattern of biblically based self-reflection leading to growth in Christlike character qualities necessary for effective biblical counseling.

Biblical Studies Core Courses

B352	Hermeneutics	3
B400	Senior Integrative Seminar	3
B490	Senior Comprehensive Exam	0
One of the following		*8*
	BL301 and 302 Elementary Greek I, II (4, 4)	
	BL311 and 312 Elementary Hebrew I, II (4, 4)	
Total units required for core courses		*14*

Biblical Counseling Emphasis Courses

Biblical Studies core courses		14
BC300	Introduction to Biblical Counseling	3
BC311	Theological Basis of Biblical Counseling	3
BC330	Methods of Biblical Counseling	3
BC340	Marriage & Family	3
BC382	Counseling Internship	2
BC421	Problems & Procedures	3
BC431	Counseling Practicum I	2
BC432	Counseling Practicum II	2
BE101	Introduction to Psychology	3
Bible Book Studies		6
Bible Electives		3
Total units required for emphasis		*47*

Biblical Languages Emphasis

Biblical Languages *(Will Varner)*
The Biblical Languages emphasis consists of two years of Biblical Greek and one year of Hebrew and is designed primarily for those desiring graduate work, either in seminary or in languages and Bible translation.

Biblical Languages Program Learning Outcomes

1. Translate both the Hebrew and Greek texts with the use of standard aids, giving attention to correct morphology, syntax, vocabulary, and structure.
2. Demonstrate mastery of basic Greek and Hebrew vocabulary.
3. For Greek or Hebrew biblical passages, discuss the applicable interpretive and hermeneutical principles, literary characteristics or features, intertextual allusions, critical issues, and theological contributions.

Biblical Studies Core Courses

B352	Hermeneutics	3
B400	Senior Integrative Seminar	3
B490	Senior Comprehensive Exam	0
One of the following		*8*
	BL301 and 302 Elementary Greek I, II (4, 4)	
	BL311 and 312 Elementary Hebrew I, II (4, 4)	
Total units required for core courses		*14*

Biblical Languages Emphasis Courses

Biblical Studies core courses		14
*One of the following**		*8*
	BL301 and 302 Elementary Greek I, II (4, 4)	
	BL311 and 312 Elementary Hebrew I, II (4, 4)	
BL401	Intermediate Greek I	3
BL402	Intermediate Greek II	3
Bible Book Studies		6
Bible Electives		13
Total units required for emphasis		*47*

**Select language sequence not taken in core.*

Biblical Studies Emphasis

Biblical Studies *(Todd Bolen)*
The Biblical Studies emphasis is designed to give the student a solid foundation in the content of the Bible, with emphasis on the analysis of biblical books, the unfolding of revelation, and the historical context of the biblical world. This emphasis provides ideal preparation for students desiring to teach as well as apply the Bible in the home, in the church, and in the classroom.

Biblical Studies Program Learning Outcomes

1. Discuss the significant historical, geographical, cultural, and theological background, themes, and interpretive problems of each Bible book.
2. Demonstrate a working knowledge of available written and electronic Bible study tools.
3. Produce undergraduate-level written research in Bible-related topic areas.
4. Effectively communicate biblical truths in teaching settings.

Biblical Studies Core Courses

B352	Hermeneutics	3
B400	Senior Integrative Seminar	3
B490	Senior Comprehensive Exam	0
One of the following		*8*
	BL301 and 302 Elementary Greek I, II (4, 4)	
	BL311 and 312 Elementary Hebrew I, II (4, 4)	
Total units required for core courses		*14*

Biblical Studies Emphasis Courses

Biblical Studies core courses		14
B342	Romans	3
B346	Life of Christ	3
B364	History of Ancient Israel	3
BTH425	Theology of End Times	3
Bible Book Studies		6
Bible Electives		15
Total units required for emphasis		*47*

Christian Education/Ministry Emphasis

Christian Education/Ministry *(Greg Behle)*
The Christian Education/Ministry emphasis examines the concepts of Christian education. It is designed for those students who desire to enter the educational program of the local church, primary school, junior high, high school, or college. It is also valuable for that student interested in the mission field, Christian schools, or the teaching ministry.

Christian Education/Ministry Program Learning Outcomes

1. Demonstrate the ability to design and implement a Christian Education program (within a local church or parachurch organization) through its full educational cycle.
2. Explain the key components and structure of the instructional framework.

Biblical Studies Core Courses

B352	Hermeneutics	3
B400	Senior Integrative Seminar	3
B490	Senior Comprehensive Exam	0
One of the following		*8*
	BL301 and 302 Elementary Greek I, II (4, 4)	
	BL311 and 312 Elementary Hebrew I, II (4, 4)	
Total units required for core courses		*14*

Christian Education/Ministry Emphasis Courses

Biblical Studies core courses		14
B346	Life of Christ	3
BC340	Marriage & Family	3
BCE313	Introduction to Christian Education/Ministries	3
BMN300	Ministry Internship	1
BMN313	Dynamics of Christian Living	3
One of the following		*3*
	BMN321 Foundations of Ministry to Women * (3)	
	BMN371 Sermon Preparation** (3)	
BMS301	Introduction to Missions	3
BTH366	Theology of the Church and Family	3
Bible Book Study		6
Bible Electives		5
Total units required for emphasis		*47*

**Women only.*
***Men only.*

Global Studies Emphasis

Global Studies *(Tom Halstead)*
The Global Studies emphasis focuses on understanding cross-cultural ministry and is specifically designed for those who desire to serve in a full-time cross-cultural capacity. Students will have the opportunities to study language, church planting, cultural anthropology, and missionary life while living on the mission field or serving within a local ethnic community.

Global Studies Program Learning Outcomes

1. Demonstrate the ability to apply various research methods to the observation of culture.
2. Trace the historic progression of the Church within a target country.
3. Demonstrate the ability to utilize the skills and methodologies of second language acquisition.
4. Articulate the theological rationale for the missional role of the local church.
5. Demonstrate the skills and character for effective cross-cultural adaptation.
6. Articulate the gospel and explain the grand scheme of redemption.

Biblical Studies Core Courses

B352	Hermeneutics	3
B400	Senior Integrative Seminar	3
B490	Senior Comprehensive Exam	0
One of the following		*8*
	BL301 and 302 Elementary Greek I, II (4, 4)	
	BL311 and 312 Elementary Hebrew I, II (4, 4)	
Total units required for core courses		*14*

Global Studies Emphasis Courses

Biblical Studies core courses		14
B378	Acts	3
BCW363	Apologetics	3
BMS301	Introduction to Missions	3
BMS302	Field Internship	3
BMS344	Local Church and Missions	3
BMS366	Gospel, Culture, and Vocation	3
BMS403	Theological Issues in Globalization	3
Bible Book Studies		6
Two of the following:		*6*
	BTH425 Theology of the end Times (3)	
	BMS305 History & Theory of Missions (3)	
	BMS312 Global Outreach (3)	
	BMS324 Foreign Language Acquisition (3)	
	BMS346 Cultural Anthropology (3)	
Total units required for emphasis		*47*

Theology Emphasis

Theology *(Jason Beals)*
The Theology emphasis is a comprehensive study of theology in which students will 1) understand the unfolding of biblical themes through progressive revelation (Biblical Theology), 2) grasp the development of doctrinal truths throughout the church age (Historical Theology), and 3) comprehend the major theoretical categories of God's written revelation (Systematic Theology). It is designed for any student who desires to grow in the knowledge of God, His Word, and His work from Genesis to Revelation.

Theology Program Learning Outcomes

1. Identify the significant individuals who have shaped the development of historical theology and describe the contributions of each.
2. Articulate basic Christian doctrines of both Old and New Testaments and provide clear biblical support for each.
3. Describe the key issues involved in the major theological controversies that have occurred in the Christian community from Pentecost to present.
4. Describe the major options in apologetic methodology.
5. Construct a defensible argument for the existence of God and the truth of Christianity.
6. Compare and contrast the foundational beliefs of major world religions and major cults.

Biblical Studies Core Courses

B352	Hermeneutics	3
B400	Senior Integrative Seminar	3
B490	Senior Comprehensive Exam	0
One of the following		*8*
	BL301 and 302 Elementary Greek I, II (4, 4)	
	BL311 and 312 Elementary Hebrew I, II (4, 4)	
Total units required for core courses		*14*

Theology Emphasis Courses

Biblical Studies core courses	14
Theology Core	15
BTH336 Theology of God	3
BTH354 Biblical Theology & Prolegomena	3
BTH373 Historical Theological Issues	3
BTH425 Theology of End Times	3
One of the following:	*3*
B342 Romans (3)	
BTH437 Man, Sin, and Salvation (3)	
Bible Book Studies	6
Bible Electives	12
Total units required for emphasis	*47*

Minors

Minor in Biblical Counseling
A minor in Biblical Counseling is offered to students not majoring in Biblical Studies, but who desire a greater understanding of the Biblical Counseling.

Minor in Biblical Counseling Courses

BC300	Introduction to Biblical Counseling	3
BC311	Theological Basis of Biblical Counseling	3
BC330	Methods of Biblical Counseling	3
BC340	Marriage & Family	3
BC421	Problems & Procedures	3
BC431	Counseling Practicum I	2
BC432	Counseling Practicum II	2
BE101	Introduction to Psychology	3
Total units required for minor		*22*

Minor in Biblical Studies
A minor in Biblical Studies is offered to students not majoring in Biblical Studies, but who desire a greater understanding of the Bible and theology.

Minor in Biblical Studies Courses

B101,2	Old Testament Survey I, II	3
B121	Essentials of Christian Thought	3
B201,2	New Testament Survey I, II	3
BTH321,2	Christian Theology I, II	3
Bible Electives		3
Total units required for minor		*2*

Minor in Global Studies
A minor in Global Studies is offered to all students who desire a greater understanding of cross-cultural missions. It is intended to equip students in other critical majors for work and ministry in a cross-cultural context.

Minor in Global Studies Courses

B378	Acts	3
BCW363	Apologetics	3
BMS301	Introduction to Missions	3
BMS344	Local Church and Missions	3
BMS366	Gospel, Culture, and Vocation	3
BMS403	Theological Issues in Globalization	3
BTH425	Theology of End Times	3
Total units required for minor		*21*

Certificates

Certificate Programs
The purpose of the Certificate programs is to assist those in both the University and the community who desire to study certain specific areas in order to be more equipped for their roles in ministry. For those in the community, the cost is $150 per course or $750 for the entire program.

One-Year Bible Program
Within the Biblical Studies emphasis, the One-Year Bible Program comprises 30 units of Biblical Studies. It is designed to help those students who would like to front-load their G.E. Biblical Studies courses. It can also be used for those students who would just like to take a year of Biblical Studies, perhaps after already earning a bachelor's degree, or to meet a requirement for the mission field, or just because they desire a year of intense Bible training. To receive the One-Year Bible Certificate, students must inform both the registrar and the dean of the School of Biblical Studies of their plans to enroll. Students must begin the program their first semester at the University, and they will have three semesters in which to complete the 30 units.

One-Year Bible Program Courses

B101	Old Testament Survey I	3
B102	Old Testament Survey II	3
B201	New Testament Survey I	3
B202	New Testament Survey II	3
BTH321	Christian Theology I	3
BTH322	Christian Theology II	3
Biblical Studies electives		12
Total units required		*30*

Women's Ministry Certificate
These courses are offered to both TMU females and those in the community who desire to be equipped for greater effectiveness in women's ministries within the local church. For more information, contact Dr. Shelbi Cullen, Assistant Professor of Biblical Studies and Director of the Women's Ministries Certificate of Achievement at scullen@masters.edu or 661-362-2651 or visit masters.edu/wmca.

Women's Ministry Certificate Courses

BMN312	Message Preparation for Women	3
BMN321	Foundation of Ministry to Women*	3
BTH366	Theology of the Church and Family	3
One of the following		*3*
	BC342 Counseling/Discipling Women (3)	
	BMN360 Personal Discipleship (3)	
B___	Bible Elective	3
Total units required for certificate		*15*

**Foundation of Women's Ministry is a prerequisite for all candidates. It must be taken first in the fall for this program.*

Graduate Programs

See School of Online:
- Master of Arts in Biblical Studies
- Master of Arts in Biblical Languages
- Master of Arts in Missions
- Master of Arts in Music & Worship
- Master of Arts in Theological Studies
- Master of Arts in Women's Ministry

See Graduate Programs:
- Master of Arts in Biblical Counseling
- Doctor of Ministry in Biblical Counseling

Israel-Bible Extension (IBEX)

Dr. Jason Beals, Director

The Israel-Bible EXtension (IBEX) is The Master's University extension campus in Israel. The IBEX program provides a unique study-abroad experience, allowing students to study the Bible in the Land of the Bible. This program consists of a full academic semester and is crafted to meet select G.E. requirements. In addition to the semester abroad, other short-term programs are available (see www.masters.edu/academics/#studyabroad for details). As space is limited, students should apply for the IBEX semester early in their university program, maintain a university GPA of 2.9 or higher, complete B101 Old Testament Survey I or a university-level equivalent, and determine if they meet educational, medical, dietary, and physical requirements. Students should consult with their academic advisor regarding feasibility and compatibility of the IBEX program with their selected major.

Programs

Semester Abroad

IBEX is a full semester-abroad program, which provides a quality educational opportunity for students who wish to enhance their geographical, historical, archaeological, and cultural understanding of the land of Israel, both ancient and modern. Classroom lectures are integrated with frequent field trips. The student's educational experience, as well as his/her personal maturation, is significantly enhanced by the cross-cultural experience that the semester-abroad program provides.

Short-term Programs

Academic study trips (at both undergraduate and graduate levels; 3 credits) are offered during the summer months and occasionally between regular semesters.

Program Details

Location

Our extension campus is in the north Judean hill country in the vicinity of Jerusalem. Facilities include a dormitory, cafeteria, library, and lecture hall. Wireless access is available at the IBEX campus.

Cost

The price for a semester in Israel (including tuition, full board, and field trip expenses) is the same as that of a TMU student living on the California campus on a full meal program. Students are charged for airfare.

Contact ibex@masters.edu for more information.

5-Year B.A./M.Div. Cooperative Program

Dr. Todd Bolen, Director

The 5-Year B.A./M.Div. allows students to receive a B.A. in Biblical Studies (emphasis in Biblical Languages) from The Master's University and an M.Div. from The Master's Seminary in five years, including a semester at IBEX. This condensed, academically rigorous program provides a streamlined education that allows students to graduate with less debt, while preparing them for further education, student ministries, associate pastor positions, or Christian education. Because of the compressed nature of this program, transfer units and online courses do not qualify to meet the program requirements.

Admission Requirements

In keeping with TMS's stated purpose of equipping "men for effectiveness in Christian ministry to the universal body of Christ," this cooperative program is open to men only.

A student seeking enrollment in this program should express interest to the program director (Dr. Todd Bolen) at the beginning of his freshman year. To continue in the program, the student must demonstrate the following during his sophomore year:

1. Passing score on at least one seminary PASS (Provision for Advanced Scholastic Standing) exam
2. Cumulative GPA of 3.6
3. Acceptance to TMS, after being interviewed by university and seminary staff
4. Involvement in a local church internship

TMU B.A. Biblical Studies: Biblical Languages; TMS Master of Divinity

Undergraduate Courses at TMU

B352	Hermeneutics*	3
B400	Senior Integrative Seminar	3
B490	Senior Comprehensive Exam	0
BL301	Elementary Greek I	4
BL302	Elementary Greek II	4
BL311	Elementary Hebrew I	4
BL312	Elementary Hebrew II	4
BL401	Intermediate Greek I	3
BL402	Intermediate Greek II	3
BL467	Advanced Greek Grammar	3
Total units taken at TMU		*31*

**Must complete additional project to qualify for cooperative program.*

Graduate Courses at TMS

BI701	Ordination Preparation	2
BI705	Advanced Hermeneutics	2
NT604	Greek Exegesis II	3
NT796	New Testament Introduction	3
NT___	Greek Exegesis Elective	2
OT603	Hebrew Exegesis	3
OT796	Old Testament Introduction	3
OT___	Hebrew Exegesis Elective	2
PM501	Fundamentals of Expository Preaching	1
PM505	Grammar, Research & Writing	2
PM511A	Foundations of Pastoral Ministry	2
PM512A	Pastoral Counseling	3
PM601	History of Expository Preaching	1
PM602	Mechanics of Preaching	2
PM703	Expository Preaching Lab	3
PM604	Expository Preaching Workshop*	3
PM712	Practice of Pastoral Ministry	3
PM714	Prayer and the Pastor	2
TH507	Historical Theology I	3
TH508	Historical Theology II	3
TH602	Apologetics & Evangelism**	3
TH605	Theology I***	3
TH606	Theology II****	3
TH705	Theology III	3
TH706	Theology IV	3
Total units taken at TMS		*63*

*Fulfills TMU's G.E. requirement for *C100, **P311, ***BTH321, ***BTH322.*

Courses at TMU or TMS*

Bible Book Elective		2
Bible Book Elective		2
Bible Book Elective		2
Total elective units		*6*

**Recorded on the transcript as TMS courses.*

IBEX Courses*

IBEX300	The Land & the Bible	6
IBEX Electives		6
Total units taken at IBEX		*12*

**Recorded on the transcript as TMS courses.*

Total units required for program *112*

Required PASS Exams

In addition to completing the required courses, the student must pass the TMS PASS exams that demonstrate mastery of the following subjects taught in TMU G.E. and major courses:

- Old Testament Survey I
- Old Testament Survey II
- New Testament Survey
- Elementary Greek
- Greek Exegesis
- Elementary Hebrew

**See TMS Academic Catalog for TMS requirements and course descriptions.*

DEPARTMENT OF BIBLICAL COUNSELING GRADUATE STUDIES

Dr. John D. Street, Chairperson

The Master's University (TMU) Doctrinal Statement has remained virtually unchanged since the inception of the institution in 1927 as the Los Angeles Baptist College (LABC). Our commitment to Christ and Scripture is affirmed in writing by every faculty member, coach, administrator, board member, and staff; it is also affirmed by every student in the admissions process. Our mission, our philosophy of education, our philosophy of spiritual development, and all our activities are uncompromisingly rooted in the doctrinal statement.

On July 1st, 2021, Master's celebrated teaching biblical counseling for 30 years. When formal biblical counseling began to be taught at TMU, no other institution of higher education in the world was offering fully accredited training in biblical counseling. Initially, biblical counseling wasn't very popular in the church and people wondered what the future of the movement would look like. It was unclear if biblical counseling would even exist moving forward in the face of the liberal church and culture.

Like many other schools that succumbed to liberalism during the 1960's and 70's, LABC had been integrationist in its approach to counseling, as it attempted to combine the Bible and psychology. When John MacArthur became President in 1985, he changed the name of the school to The Master's College (TMC) and replaced the faculty in the Bible and Counseling departments with men who were doctrinally sound and committed to the sufficiency of Scripture. In 2016, TMC was renamed The Master's University (TMU). TMU now offers both a graduate and post-graduate degrees in biblical counseling: a Master of Arts in Biblical Counseling (MABC) degree and a Doctor of Ministry in Biblical Counseling degree (DMin BC).

In 1991, Dr. MacArthur invited Dr. Bob Smith from Faith Church in Lafayette, Indiana to establish the undergraduate program in Biblical Counseling at TMC. In 1993, he asked Dr. Wayne Mack to lead the graduate program in biblical counseling here. Dr. Mack led the effort to teach our graduate level biblical counseling programs and assisted The Master's Seminary (TMS) with their Master of Divinity program in which he taught pastoral counseling. Dr. Mack hired Dr. Stuart Scott in 1997 who taught here until 2005. Dr. Scott returned in 2015 and served here full-time until 2022.

Dr. John Street was hired by Dr. Mack in the Summer of 1999 to direct and develop our graduate programs. Dr. Street became the Department Chairman when Dr. Mack transitioned to serve on the mission field in South Africa. Dr. Street established the program further and oversaw significant growth and momentum built in the biblical counseling movement. He hired Dr. Ernie Baker in the Summer of 2005 to teach the undergraduate, graduate, seminary, and online programs. Dr. Street brought Dr. Robert Somerville to Master's in 2005 to teach in our graduate program where he taught for 10 years until he retired in 2016.

Under Dr. Street's leadership, TMU offered residential, online, summer intensive, synchronous, and correspondence type courses in biblical counseling at the graduate and post-graduate levels. We have also recognized over the years that God has blessed us as we have trusted Him, and we are committed to the fact that His Word is sufficient in the biblical care of souls.

Philosophy of Counseling

The Holy Scripture, being God's law and testimony, is true and should therefore serve as the Christian's standard for all matters of faith and practice (Isaiah 8:19-20; 2 Peter 1:3). There is no authority that is higher than the one found in Scripture. Wherever and on whatever subject Scripture speaks, it must be regarded as inerrant, authoritative, sufficient, and superior to human counsel. There have always been people who have affirmed the inerrancy and authority of Scripture in matters of faith and practice but who would not affirm the sufficiency of Scripture for understanding and resolving the spiritual (non-physical) problems of man. They acknowledge Scripture to be the Word of God, and in this they are correct, but when it comes to understanding and resolving many of the real spiritual issues of life, they think that Scripture has limited value. Therefore, it is crucial that we clearly articulate a definition of biblical counseling according to Scripture. There are four distinguishing features of truly Christian or biblical counseling as explained below.

Christ-Centered Counseling

Biblical counseling is conscientiously and comprehensively Christ-centered. It focuses on who Christ is and what He has done for us in His life, death, resurrection, and in sending the Holy Spirit. Christ-centered counseling also focuses on what He is doing for us right now in His intercession at the Father's right hand and what He will do for us in the future. In biblical counseling, the Christ of the Bible is not an appendage or an "add on" for living in the fast lane. Rather, He is the center and the circumference (and everywhere in between) of counseling. Christ-centered counseling involves understanding the nature and causes of our human difficulties. It involves understanding the ways we are unlike Christ in our values, aspirations, desires, thoughts, feelings, choices, attitudes, actions, and responses. Resolving those sin-related difficulties includes being redeemed and justified through Christ, receiving God's forgiveness through Christ, and acquiring from Christ the enabling power to replace un-Christlike (sinful) patterns with Christlike, godly ones. As we are transformed to be more like Christ, we overcome sin and are better-equipped to deal with the effects of sin in this fallen world with a primary focus on glorifying God, proclaiming the gospel, and advancing His kingdom (Ro 8:29; 1 Co 10:31; 2 Co 3:18; 5:9).

Gospel-Centered Counseling

A biblical counselor is also conscientiously and comprehensively Christian in his outlook on life. Genuine biblical counseling is conducted by individuals who have experienced the regenerating work of the Holy Spirit and have come to Christ in repentance and faith, acknowledging Him as Lord and Savior of their lives. These are also people who want to live in obedience to Him, people whose main concern in life is to exalt Him and bring glory to His name. They are people who believe that, since God did not spare His own Son from the cross or the suffering He experienced there but, delivered Him up to the cross and death for us on our behalf and in our stead, as our substitute. Through Christ, He will freely give us all that we need for effective and godly living and transform us to be like His Son in the totality of our being. Biblical Christian counselors also acknowledge the role of the Holy Spirit in regenerating, saving, and sanctifying the believer. Truly biblical counseling is carried out by those whose theological convictions influence, permeate, and control their personal lives along with their counseling theory and practice.

Bible-Centered Counseling

Genuine biblical counseling is conscientiously and comprehensively based on the Bible and derives from Scripture its understanding of who man is, the nature of his primary problems, why he has these problems, and how to resolve these problems. In other words, the counselor must be conscientiously and comprehensively committed to the sufficiency of Scripture for understanding and resolving all the non-physical personal and interpersonal sin-related difficulties of man.

Church-Centered Counseling

Another distinguishing feature of genuine biblical counseling is that it will be conscientiously and comprehensively church centered. Scripture makes it clear that the local church is the primary means by which God accomplishes His work in the world. The local church is His ordained instrument for calling the lost to Himself and the context in which He sanctifies and changes His people into the likeness of Christ. According to Scripture, the church is His household, the pillar and support of the truth, and the instrument He uses in helping His people to put off the old manner of life or self and to put on the new way of living and new self (1 Timothy 3:15; Ephesians 4:1-32). Credibility in counseling is established when it is conducted under the authority of the church and its properly appointed leadership.

Theological Distinction

The Graduate Studies in Biblical Counseling Department stands firm on the sufficiency of Scripture, specifically, that the Bible is everything a person needs to address the spiritual problems people face (2 Pet. 1:3; 2 Tim. 3:16-17). As a result, our degree programs take the doctrine of sign gifts seriously and holds to a cessationist position. It is the counselor's responsibility to help a counselee change based on the standard of God's Word. If other forms of revelation, such as prophecy or tongues, are allowed in biblical counseling, the sufficiency of Scripture is undermined and called into question. We welcome those who are unsure about the gifts as result of not being taught thoroughly about them to study in our MABC program. The MABC program offers clear instruction on these issues. D.Min. BC students are expected to have strong biblical convictions consistent with our program about these foundational doctrines upon beginning their course of study.

However, the following consequences could result for those who are approved to enter the MABC program and maintain a non-cessationist position on sign gifts for the duration of their studies in the program and who remain unconvinced of the cessationist position by the end of their studies in the program. First, a student may score lower on the ACBC exam which includes questions about the doctrine of sign gifts. It is also possible that a non-cessationist position will prevent a MABC /D.Min. BC student from obtaining Certification or Fellow/Assistant to a Fellow status with ACBC. This applies to any student who changes to a non-cessationist position after beginning the program as well. Second, a student may score lower on certain assignments and in certain classes. Third, maintaining theological positions on these and other essential doctrines that are different from a Graduate Studies program may prevent a student from being certified with ACBC or graduating with an MABC or D.Min. BC degrees.

Surveys

As students work on various writing projects in their MABC or DMin BC program of study, the following guidelines regarding original human surveys apply. Original human surveys in which students request feedback from individuals or groups require approval from our Institutional Review Board (IRB). This is a compliance mandate intended to protect students, the institution, and others involved from any negative exposure that may arise from these well-intentioned efforts. Original surveys are not required to be included in any of the writing projects in our programs of study. It can be helpful, but not always required, to include in student work statistical surveys conducted by other entities that are already published and do not require IRB approval.

The IRB requirement applies to all formal writing projects, such as research papers, thesis projects (e.g., Thesis Outline, Thesis Composition, or Thesis Project), and others in which students request feedback from others to support their conclusions or hypotheses. This requirement does not apply to informal or formal counseling students conduct while in their program. Counseling guidelines and requirements are given in the course syllabi and Canvas pages to which they apply (e.g., Applied Ministry or Soul Care). If students consider it essential to their writing projects to include an original human survey, they should discuss their idea first with the Professor, Instructor, Coordinator, or Advisor involved in the assignment. If approved, contact the Graduate Studies Director to submit a request to the Institutional Review Board for review.

While we support student creativity and thoroughness in research and writing, we ask that students do not incorporate original human surveys into their work unless agreed to by the Professor, Instructor, Coordinator, or Advisor involved in the assignment and the Program Director. The Director will submit a formal request to the IRB on the student's behalf if the survey is deemed essential to the student's work.

Submissions to request survey approval are due to your Advisor and the Director of the MABC program within 30 days after the beginning of the semester. Additional information may be requested, and the review process can take up to 30 days or longer depending on revisions, schedule, and other factors. Students should continue writing as if they are not dependent on a survey to complete their work.

Master of Arts in Biblical Counseling

The Master of Arts in Biblical Counseling program (MABC) is a graduate program designed to equip men and women to practice biblical counseling with excellence within the context and under the oversight of the church and its leadership. The content of the courses emphasizes the practical skills of counseling without neglecting the solid biblical foundation on which these skills are built. The classes, homework, and reading are intended to be implemented in each student's life and ministry. By God's grace, each course will enhance the student's walk with God and ministry. The program is structured to help people study, understand and apply Scripture more accurately and effectively in their own lives and counseling ministries. Our goal and prayer is to train men and women to understand God's Word as it applies to the exercise of the spiritual gift of counseling under the oversight of the church. We acknowledge Jesus Christ is the Wonderful Counselor the Holy Spirit is ultimately the One who gives understanding of biblical truth, as the student applies himself to diligent study, as well as the ability to apply it in formal biblical counseling (Is 9:6; 2 Co 3:18).

The MABC program seeks to equip teachers, pastors, missionaries, elders, deacons, chaplains and the other Christian workers to counsel in ministry settings and it is not structured to meet state requirements for licensure in counseling. However, the MABC program does meet requirements for certification in counseling with the Association of Certified Biblical Counselors (ACBC). Vocational opportunities in biblical counseling after graduation include ministry positions in local churches, chaplaincies, Christian colleges, Christian schools, crisis pregnancy centers, children's homes, rescue centers, and mission agencies, as well as enhanced application in other professional fields such as leadership, management, human resources, and administration. Even those whose primary responsibility is not counseling find that the MABC program provides invaluable training, as it teaches skills and gives personal insight in the Christian life and improves a student's overall effectiveness on the job, in personal relationships, and in their church.

M.A. Biblical Counseling Program Learning Outcomes

1. Articulate—with appropriate biblical support—key components and distinctive principles for counseling individuals.
2. Demonstrate the ability to interact with scripturally based conservative theological doctrines to functionally derive effective biblical counseling theory and methodology.
3. Meaningfully and insightfully differentiate and critique various Christian and secular counseling theories and methods and compare them with the fundamental assumptions of biblically based counseling.
4. Use proper interpretive tools and correct hermeneutical principles to accurately exegete biblical passages for counseling purposes.
5. Discern and evaluate a person's character, mental processes, and behaviors from a biblical anthropology.
6. Demonstrate the ability to counsel and disciple individuals using biblical principles and effective interpersonal skills within the context of the local church.
7. Apply the principles of progressive sanctification in his/her own life, seeking to model holiness and spiritual growth to his/her counselees.
8. Demonstrate the ability to conduct and communicate graduate-level biblical research that includes application of those principles for practical ministry, particularly in the field of biblical counseling.

M.A. Biblical Counseling Courses

BC501	Introduction to Biblical Counseling	2
BC502	Essential Qualities of a Biblical Counselor	2
BC503	Methods of Biblical Change	2
BC506	Theology and the Psychologies	2
BC511	Theological Basis of Biblical Counseling	2
BC521	Problems and Procedures	2
BC531	Hermeneutics	2
BC532	Advanced Hermeneutics	2
BC542	Marriage and Family Counseling	2
BC556	ACBC Membership Seminar	2
BC557	Biblical Counseling and Physiology	2
BC560	Biblical Conflict Reconciliation	2
BC580	Observations and Applied Studies	2
BC592	Applied Soul Care I	2
BC593	Applied Soul Care II	2
BC598	Thesis Research	2
BC___	Elective Course	2
Total units required for degree		*34*

Program Outline

The M.A. in Biblical Counseling (MABC) is a 34-credit-hour graduate degree program, designed to allow students to pursue and receive in-depth training in biblical counseling.

Program Format (Residential, Distance, Online)

The Graduate Studies in Biblical Counseling Department (GSBC) strongly encourages students to take their courses in the Residential program on campus to ensure the highest quality of instruction and interaction. Students can attend classes on campus during the Fall and Spring semesters, as well as SIP during the summer. If a student is unable to attend courses in-person, they make take the course synchronously (live online). For the synchronous students, they will be required to take one SIP course in-person during their MABC program.

Classes offered as part of SIP begin in May, extend for 16-weeks as normal, and conclude at the end of the summer semester in August. Students complete coursework for SIP classes throughout the semester remotely, turn in their work online and attend one week of lectures for each class in campus in person during the second or third week of July. Again, all summer classes start in May remotely and require coursework to be completed prior to coming to campus in July for in-person lectures. These condensed or intensive lectures allow students living far away to attend classes in-person and receive the greatest benefit from the learning experience. To receive credit for SIP classes, students must successfully complete all the assigned coursework beginning in May and ending in August and attend all the class lectures in person on campus for the week in July they are offered. Due to the intensive nature of the SIP lecture component, students must attend every SIP lecture and missing one SIP lecture will result in them not passing the class and being required to retake it.

The MABC online program is for students who are unable to take classes in-person at the University. Beginning in the Fall 2025, online students will not be able to take in person courses. A student will be considered fully online or fully in-person, but they won't be able to take some courses online and others in-person. However, all students may enroll for the SIP summer program. In addition, the three courses: BC556 ACBC Membership Seminar, BC592 Applied Soul Care I, BC593 Applied Soul Care II cannot be taken online. They will have to be taken either in-person or synchronous.

Program Requirements

The MABC degree is awarded to students who successfully fulfill the requirements of 16 core courses and 1 elective course (17 classes, 34 units).

Thesis Symposium

Each student is required to develop a 20-to-30-page thesis research outline as a capstone project and give a defense of their research in person on the university campus at the time of annual graduation proceedings at the beginning of May. The symposium highlights the project and allows others to benefit from the students' efforts in research. The defense will be given to a panel of faculty and staff of the MABC program and will be open for others to observe. MABC online students will be required to present their capstone thesis research project in person to the leadership of their local church who will comprise the student's presentation panel. Questions and answers from the panel and the student will need to be captured in writing and submitted to the course instructor for evaluation and grading. Evaluative criteria will be provided to the student and panelists.

An option exists for students to write a 120-page thesis composition in addition to the thesis outline. Each project is represented by a separate course. Students must pass the thesis outline course and receive advisor approval prior to enrolling in the thesis composition course. A Thesis outline is the basis for developing a thesis composition. Most students will complete the thesis research course which only involves creating a detailed outline. The thesis composition course can only be started in the semester immediately following completion of the research outline course. The composition course requires three semesters to complete and it may include a summer semester. Passing the thesis research outline course is required for graduation, but the composition course is optional. However, once a student enrolls in the composition course, the diploma will not be awarded until it is completed. Only students who are actively enrolled in the MABC program can enroll in the thesis composition course. Students may not return to the program to complete this course.

Admission

An individual must meet the following requirements to be admitted to TMU's MABC degree program:

- Strong testimony of faith in Jesus Christ as Lord and Savior
- Agreement with the TMU doctrinal statement and student standards of conduct, along with specific statements on homosexuality, gender identity, and the role of sign gifts (i.e. speaking in tongues, prophecy today, etc.)
- Official transcripts from all schools from which degrees were conferred
- Undergraduate degree conferred and cumulative GPA of 3.0 or higher from a regionally accredited institution.
- TOEFL score of 100 or higher or IELTS score of 7 or higher for international students (whose first language is not English)
- Deacon/deaconess qualified according to 1 Timothy 3:8-12
- Writing sample of 10-15 pages evidencing graduate level writing and research (submitted in the application)
- Short-answer questions on theology and practical ministry (contained within the application)
- Pastor/elder recommendation (contained within the application)
- Educator recommendation (contained within the application)
- Personal recommendation (contained within the application)
- Application fee
- Deposit (paid at time of application) applied to first class(es)

Program Policies

Grading Scale

A	96-100%	C	80-83%
A-	94-95%	C-	78-79%
B+	92-93%	D+	76-77%
B	88-91%	D	72-75%
B-	86-87%	D-	70-71%
C+	84-85%	F	69% and below

Academic Dishonesty

It is the responsibility of the faculty member to pursue suspected incidents of academic dishonesty occurring within his/her courses. If a student is found to be guilty of cheating, plagiarism, or another form of academic dishonesty, the faculty member is required to document the incident in writing and submit the report to the Provost. The first documented incident of academic dishonesty will result in the student failing the assignment or the course at the instructor's discretion, depending on the severity of the incident. Any subsequent documented offense of academic dishonesty by that student (regardless of whether it occurs in the same or any other course taken by the student at the University) will result in automatic failure of the course and expulsion of the student from the University for a minimum of one academic year.

Academic Probation

Academic Probation is a status assigned to students who do not meet satisfactory academic requirements (see below). It is a procedure that helps the Graduate Studies faculty and staff monitor the student's progress in the program and come alongside those who may need greater assistance to improve their academic skills. Students will only be placed on Academic Probation one semester at a time. Students who satisfactorily improve their academic results during the semester of academic probation will be taken off academic probation for the following semester. Students who are unable to satisfactorily improve their academic results during the semester of academic probation may be placed on academic probation for another semester or asked to take a leave of absence from studies, as deemed by the Graduate Studies administration.

Beginning Students: To enter the MABC program, prospective students must have a Cumulative GPA of 3.0 or higher in their undergraduate studies, provide a satisfactory educator recommendation, and supply a writing sample that demonstrates competency for graduate level writing and research. For those who do not meet this qualification, the Admissions Committee may place such students on academic probation at the start of the program or deny them admittance to the program.

Current Students: Current students in the Graduate Studies program are required to maintain a Cumulative GPA of 3.0 or higher and a grade of 'B' or higher for each class they take. Students who do not meet these standards in a given semester may be placed on academic probation for the following semester. Any class in which the student earns a 'B-' or lower will need to be retaken before graduation at the current cost.

Any MABC student whose cumulative GPA remains below 3.0 or receives grades of C- or lower for two consecutive semesters will be subject to academic disqualification and dismissal from the University. A student subject to disqualification may appeal by submitting a letter to the Provost, stating why he/she should not be disqualified. The student's request will then be reviewed by the Provost for a final decision.

Advanced Standing

Any graduate from TMU's undergraduate biblical counseling major is eligible for up to six (6) or more units of advanced standing in the program. Students awarded advanced standing will not be required to earn units on certain program requirements. Advanced standing is not guaranteed and will be decided on an individual basis at the discretion of the Program Director and Biblical Counseling Department Chairperson.

Considering the MABC program's unique curriculum and emphasis on biblical counseling and the sufficiency of Scripture to handle all soul-related problems, it is not common for students to receive advanced standing based on coursework from other graduate schools, even if the student majored in psychology, Christian Counseling, or biblical studies. Furthermore, re-admit students are not guaranteed they will receive advanced standing for classes previously taken. Since curriculum can change over the years, along with accreditation guidelines, the Graduate Studies administration may require students to retake some classes for graduation. If a student has not been active in the program for 7 years or more, the Graduate Studies administration may require the student retake all current courses in the program to graduate.

Students who have received ACBC Certification more than one year prior to starting the MABC program may be eligible for advanced standing in BC556, and BC592. However, students who have been certified for less than one year prior to starting the MABC program may be required to take these courses and / or additional electives that will assist them in gaining the necessary experience, knowledge, and supervision in training as a biblical counselor. Students who have been certified for more than one year prior to starting the MABC program but have not been actively counseling or involved in biblical counseling ministry may also be required to take these courses to ensure adequate preparation for biblical counseling ministry.

Students who have started but have not completed ACBC Certification prior to starting the MABC program, should not continue to pursue ACBC Certification outside of the MABC program. ACBC Certification is an integral part of the MABC curriculum and the requirements for both the degree and certification are combined into a single course of study. Students are recommended for ACBC Certification when they complete the MABC program. Students are encouraged but not required to attend the annual ACBC Conference following successful completion of the MABC program and following approval of their application for certification, so that they may receive their ACBC Certificate in person.

Appeals of Academic Dismissal

A student subject to academic dismissal because of a low cumulative GPA or because of academic dishonesty may appeal by submitting a letter to the Provost within two weeks of being notified of dismissal, along with an explanation of why the student believes the dismissal was unfair. The student's request will be reviewed by the Provost with input from the student's advisor, faculty who have had the student in recent classes, and the academic counselor. The Provost will make a decision on the appeal, which will be communicated in writing to the student.

Auditing

Non-MABC students and MABC graduates may audit classes in the MABC program. Audit students must submit an application online at least one week before the semester begins. Current MABC students wanting to audit MABC classes do not have to fill out an application. Non-MABC graduates (including current MABC students) can audit up to 3 classes in our program. MABC graduates may audit an unlimited number of courses in the program. A student's opportunity to audit any class is conditional on class size, and approval by the Course Instructor. Students who audit courses may not complete homework or exams as the cost for auditing does not include time to grade or give feedback (even though auditing students may have access to course assignments, exams, and projects). Also, auditing students should request permission from the instructor about asking questions during class or through correspondence as a courtesy to the instructor and students who are taking the course for credit.

Continuing Education

MABC students are considered active if they continue taking classes in consecutive fall and spring semesters (summer semesters are optional) and they are considered inactive if they do not take at least one class per fall and spring semester. They will also be considered inactive if they do not take classes for three semesters total for the duration of their studies in the program, even if these semesters are not consecutive. Students will be required to enroll in a continuing education course and will be charged a continuing education fee for each required semester they do not take at least one class. Students may only utilize this continuing education option for three semesters total for the duration of their studies in the program. If students are unable to take classes for a fourth semester (total) they will be considered inactive as of the beginning of the next semester. Students who become inactive must reapply to return to the program and are subject to any applicable fees and policies.

Full/Part-Time Status

Any student enrolled in 8 units or more is considered "full-time" in the MABC program. A student must be enrolled in at least 4 units of graduate-level classes to be considered "part-time." These designations related mainly to financial aid eligibility.

Licensure in counseling

Considering the MABC program leads to certification with ACBC, biblical counseling is antithetical to the psychologies, and there are inherent conflicts both practically, and professionally between biblical counseling and the psychologies, applicants who maintain or possess licenses recognized in the field of psychology or related fields may not be eligible for admission to the MABC program. More information may be required from applicants and their ecclesiastical authorities to determine an applicant's eligibility for admission. Once admitted, students cannot remain active or continue their education in the MABC program if they choose to pursue licensure in counseling due to the concerns mentioned. Questions regarding licensure may be sent to the Program Director.

Program Length

To successfully graduate from the MABC program, students must earn a 'C' or higher in every required class (including the elective course). Students must complete their studies within 6 academic years which is comprised of 6 fall, and 6 spring semesters (12 fall and spring semesters total). Students who choose to take most of their courses in person during our summer program will still be required to take at a least one course each fall and spring semester. A semester is added to the total even if the student does not take a class in a semester. For re-admit students, their time in the program resets to zero when they return to the program after having become inactive.

However, students can take advantage of the program extension provision once their limit is reached to extend their active status in the program. This involves registering for the Program Extension course through the registration process and paying the applicable fee. Students have a maximum of three consecutive semesters (fall or spring) over which they can pay the program extension fee in order to maintain their active status in the program.

Failure to complete the program in six academic years will result in students being charged an over limit fee for each semester they exceed the program limit up to three semesters. In cases where students exceed the program limit of 6 academic years, or exceed the three-additional semester limit, the Graduate Studies administration may require them to retake any or all courses in the program to graduate and continue to pay the over-limit fee per semester.

The MABC program can be completed in two to four years, but the length of time a student takes to complete it may depend on the student's own schedule and external commitments, as well as course offerings that are dependent on minimum enrollment, instructor availability, and the program's semester schedule. Typically, students complete their coursework over a two-to-three-year period and complete their internship and research in one additional year.

Pass/Fail

Certain courses in our program are graded on a pass/fail basis (no letter grade A-F is given). These courses occur at the end of a student's program of study. Due to the nature of these courses and the grading scheme, students are required to submit work within the first 30 days of the class or they may not pass the class and may be required to retake it.

Remote Library Access

To facilitate research from off-campus locations, the University library provides remote access to many of The Master's University's online databases. This access allows the student to search the available databases from any off-campus computer that has an internet connection. Currently, The Master's University has more than 20 databases available with remote access. Students are welcome to contact the library directly if they need help with their research needs.

Scholarships

Scholarships for the Master of Arts in Biblical Counseling (MABC) program are provided through the Graduate Studies department directly, not through our Financial Aid office. Scholarships are awarded semester by semester. Any active MABC student who wants a scholarship must apply each semester. Because scholarship funds are provided directly from our department they are limited. Scholarship applications are considered on the basis of a combination of academic performance, financial need, and ministry through the local church. Scholarship applications are due to be submitted by the first day of the semester to which they apply. Scholarship notifications will be provided by the beginning of the third week of the semester. Since scholarships are not guaranteed, students should plan to fund their education separately. See the Tuition page on the MABC section of the university website for more information and to apply for scholarships. Due to the sensitive nature of awarding scholarships, the status of a student's application may not be discussed, but each student who applies will receive a written notification regarding the amount awarded or if no amount was awarded after the review process is complete.

Doctor of Ministry in Biblical Counseling

Dr. John D. Street, Chairperson

The D.Min. in Biblical Counseling is a professional terminal degree designed to encourage excellence in the practice of counseling and training others to counsel using the Word of God. It is predicated upon both the superiority and sufficiency of Scripture in dealing with serious turmoil of the soul and is in keeping with the Mission Statement of TMU and Seminary. The curriculum is designed to advance the doctoral student to be a qualified trainer of others in the practice of biblical counseling with the context of counseling and counseling training being primarily the local church. It is intended that graduates of this degree from TMU would assume leadership roles in biblical counseling throughout the world.

The D.Min. in Biblical Counseling intends to equip both pastoral men and lay men/women who desire to pursue a terminal degree in biblical counseling. This degree is designed for the highest level of student who is serious about biblical counseling and aspires to implement his/her studies into his/her current or future ministry daily. The program does not require that the individual have an undergraduate or graduate degree in biblical counseling, but the student must have formal theological training at the graduate level of at least 72 units and is preferred to possess ACBC certification with at least 3 years of biblical counseling ministry experience. The program is designed for students to participate in only a full-time capacity.

The D.Min. BC degree is awarded to students who successfully fulfill the requirements of 12 core courses and 1 thesis project (13 classes, 36 units).

D.Min. Biblical Counseling Program Learning Outcomes

1. Doctoral students will deepen their personal walk with Jesus Christ, which are measured through personal improvement projects and applied study courses.
2. Doctoral students will deepen their knowledge of Scripture through a greater skill in hermeneutical ability leading to a better application to various soul-care problems.
3. Doctoral students will master oral and written counseling skills for training in the local church as the context for biblical counseling, measured through a national/international certification process.
4. Doctoral students will be familiar with a variety of counseling theories and methodologies and be able to evaluate them biblically through doctoral level research.
5. Doctoral students will seek to assist and complement the ministry of the church through their written dissertation, for which they will offer an oral defense.

D.Min. Biblical Counseling Courses

BC690	Biblical Counseling Foundations I	0
BC691	Biblical Counseling Foundations II	0
BC692	Biblical Counseling Foundations III	0
BC693	Biblical Counseling Foundations IV	0
BC700	Biblical Counseling Foundations Seminar	0
BC701	Theology of Discipleship and Soul Care	4
BC702	Character Dynamics and Soul Care	4
BC711	Applied Ministry Experience I	2
BC712	Applied Ministry Experience II	2
BC721	Writing and Research in Biblical Counseling I	2
BC722	Writing & Research in Biblical Counseling II	2
BC801	Marriage and Family Counseling	4
BC802	Difficult Issues in Counseling	4
BC811	Applied Ministry Experience III	2
BC812	Applied Ministry Experience IV	2
BC821	Writing and Research in Biblical Counseling III	2
BC822	Writing and Research in Biblical Counseling IV	2
BC892	Applied Ministry Experience Completion	0
BC893	Applied Ministry Experience Supervision	0
BC899	Biblical Counseling Thesis Project Culmination	4
Total units required for degree		*36*

Program Outline

The D.Min. in Biblical Counseling degree is a 36-credit-hour graduate degree program, designed to allow students to pursue and receive in-depth training in biblical counseling.

Program Format

We follow a flexible cohort model which will allow for change each semester depending on enrollment. Cohorts will not conduct group projects; however, students will have opportunities to discuss and give feedback to each other on various assignments and present their work to their group for constructive criticism. Attendance will be required during the in-class sessions conducted in the spring and fall. Failure to attend the in-class sessions will result in the student having to re-take the class. Courses will be conducted over 16-weeks and culminate in two-week modules in person each semester over a two-to-four-year period. The D.Min. in Biblical Counseling will currently only be offered in the on-campus environment. Students will participate in two annual modular lectures, one in the fall semester (early December) and one in the spring semester (mid-May), completing four modules in total. In this way, doctoral students will be able to fulfill all lecture-based classes in-person.

Program Requirements

The D.Min. BC degree is awarded to students who successfully fulfill the requirements of 12 core courses and 1 thesis project (13 classes, 36 units).

Thesis Symposium / Composition

The final thesis course includes giving an oral defense of the thesis project in the doctoral program. Students will sign up during the fourth module.

Admission

To be admitted to TMU's Doctor of Ministry in Biblical Counseling program, the individual must complete the following requirements:

- Have a clear profession of faith in Jesus Christ as his/her personal Savior
- Have completed a bachelor's degree from an accredited college or university with at least a 3.0 grade point average (GPA) or higher.
- Have completed at least 72 credit hours of master's degree level work in theological studies—the equivalent of the government standard for a fully accredited Master of Divinity (M.Div.), with at least a 3.0 cumulative grade point average (GPA) or higher.
- Certification with the Association of Certified Biblical Counselors (ACBC).
- Have at least three years of practical biblical counseling experience.
- Be currently involved in a weekly biblical counseling ministry.
- Submit all the following application items
    - Main Online Application
    - Supplementary Personal Statements
    - Graduate level writing sample
    - Official transcripts from bachelor's degree and master's degree institutions
    - Reference form from pastor/church leader
    - Reference form from a peer in ministry
    - Reference form from a personal source
    - Application fee
    - TOEFL score of 100 or higher or IELTS score of 7 or higher for international students (whose first language is not English)

For those who have graduated with a Master of Arts in Biblical Counseling (MABC) or a Master of Arts in Biblical Studies (MABS) from TMU, prerequisites apply and the following application items:

- Main Online Application
- Supplementary Personal Statements
- Official transcripts from bachelor's degree and any supplementary master's degree institutions
- Reference from pastor/church leader
- Application fee

For those who have graduated with a Master of Divinity (M.Div.) and/or a Master of Theology (Th.M.) from The Master's Seminary (TMS), prerequisites apply and the following application items:

- Main Online Application
- Supplementary Personal Statements
- Official transcripts from bachelor's degree and any supplementary master's degree institutions
- Reference from pastor/church leader
- Reference from TMS professor
- Application fee

Students from other countries will be welcome to join the D. Min. in Biblical Counseling program, but because the instructional language for all required coursework will be in English, the international student will need to be proficient in English. Therefore, all non-native English-speaking students will be required to have the following: a) minimum score of 600 on the paper-based TOEFL (Test of English as a Foreign Language), b) 250 on the TOEFL CBT (computer-based), c) 100 on the TOEFL iBT (internet-based), or d) 7.0 on the IELTS (International English Language Testing System).

- Deposit (paid at time of application) applied to first classes

Program Policies

Grading Scale

A	96-100%	C	80-83%
A-	94-95%	C-	78-79%
B+	92-93%	D+	76-77%
B	88-91%	D	72-75%
B-	86-87%	D-	70-71%
C+	84-85%	F	69% and below

Academic Dishonesty

It is the responsibility of the faculty member to pursue suspected incidents of academic dishonesty occurring within his/her courses. If a student is found to be guilty of cheating, plagiarism, or another form of academic dishonesty, the faculty member is required to document the incident in writing and submit the report to the Provost. The first documented incident of academic dishonesty will result in the student failing the assignment of the course at the instructor's discretion, depending on the severity of the incident. Any subsequent documented offense of academic dishonesty by that student (regardless of whether it occurs in the same or any other course taken by the student at the University) will result in automatic failure of the course and expulsion of the student from the University for a minimum of one academic year.

Academic Probation

Academic Probation is a status assigned to students who do not meet satisfactory academic requirements (see below). It is a procedure that helps the Graduate Studies faculty and staff monitor the student's progress in the program and come alongside those who may need greater assistance to improve their academic skills. Students will only be placed on Academic Probation one semester at a time. Students who satisfactorily improve their academic results during the semester of academic probation will be taken off academic probation for the following semester. Students who are unable to satisfactorily improve their academic results during the semester of academic probation may be placed on academic probation for another semester or asked to take a leave of absence from studies, as deemed by the Graduate Studies administration.

Beginning Students: To enter the Graduate Studies program, prospective students must have a Cumulative GPA of 3.0 or higher in their undergraduate studies and provide a satisfactory ministry peer recommendation and supply a writing sample that demonstrates competency for post-graduate level writing and research. For those who do not meet this qualification, the Admissions Committee may place such students on academic probation at the start of the program or deny them admittance to the program.

Current Students: Current students in the Graduate Studies program are required to maintain a Cumulative GPA of 3.0 or higher and a grade of 'B' or higher for each class they take. Students who do not meet these standards in a given semester may be placed on academic probation for the following semester. Any class in which the student earns a 'B-' or lower will need to be retaken before graduation at the current cost.

Any graduate student whose cumulative GPA remains below 3.0 or receives grades lower than a C- in classes for two consecutive semesters will be subject to academic disqualification and dismissal from the University. A student subject to disqualification may appeal by submitting a letter to the Provost, stating why he/she should not be disqualified. The student's request will then be reviewed by the Provost for a final decision.

Advanced Standing

Due to the advanced, specialized, and unique nature of our courses in the D.Min. BC program, there is no opportunity for advanced standing or transferring credit from classes taken at other institutions.

Appeals of Academic Dismissal

A student subject to academic dismissal because of a low cumulative GPA or because of academic dishonesty may appeal by submitting a letter to the Provost within two weeks of being notified of dismissal, along with an explanation of why the student believes the dismissal was unfair. The student's request will be reviewed by the Provost with input from the student's advisor, faculty who have had the student in recent classes, and the academic counselor. The Provost will make a decision on the appeal, which will be communicated in writing to the student.

Auditing
Auditing classes in the D.Min. BC program is not offered at this time.

Continuing Education
D.Min. BC students are considered active if they continue taking modular classes in consecutive semesters and they are considered inactive if they do not take at least one module per semester (spring and fall semesters consecutively). They will also be considered inactive if they do not take modules for three semesters total for the duration of their studies in the program, even if these semesters are not consecutive. Students will be required to enroll in a continuing education course and will be charged a continuing education fee for each required semester they do not take at least one module. Students may only utilize this continuing education option for three semesters total for the duration of their studies in the program. If students are unable to take a module for a fourth semester (total) they will be considered inactive as of the beginning of the next semester. Students who become inactive must reapply to return to the program and are subject to any applicable fees and policies.

Full/Part-Time Status
Any student enrolled in 8 units or more is considered "full-time" in the D.Min. BC program.

Graduation / Program Length
To successfully graduate from the Doctor of Ministry in Biblical Counseling program, students must complete their studies ~~in~~ in no more than 8 academic semesters (approximately 4 years). The program may be completed in 5-6 semesters, depending on the student's and program's availability and schedule. A semester is included in the total even if students do not take a course module in a semester. For re-admit students, the 8 semesters reset to zero when they become inactive and return to the program. Failure to complete the program in 8 semesters will result in students being charged a program extension fee for each semester they exceed this limit up to three semesters. In cases where students exceed the limit of 8 semesters, or exceed the three-additional semester limit, the Graduate Studies administration may require them to retake any or all courses to graduate and continue to pay the program extension fee per semester.

Pass/Fail
Certain courses in our program are graded on a pass/fail basis (no letter grade A-F is given). Due to the nature of these courses and the grading scheme, students are required to submit work within the first 30 days of each class, or they will not pass the class and be required to retake it.

Remote Library Access
To facilitate research from off-campus locations, The Master's University library provides remote access to many online databases. This access allows the student to search the available databases from any off-campus computer that has an internet connection. Currently, The Master's University has more than 20 databases available with remote access. Students are welcome to contact the library directly if they need help with their research needs.

Scholarships
Scholarships for the D.Min. BC program are provided through the Graduate Studies department directly, and not through our Financial Aid office. Scholarships are awarded semester by semester. Any active D.Min. BC student who wants a scholarship must apply each semester. Because scholarship funds are provided directly from our department they are limited. In this way, scholarship applications are considered on the basis of a combination of academic performance, financial need, and ministry potential. Scholarship applications are due to be submitted by the first day of the semester to which they will apply. Scholarship notifications will be provided by the beginning of the third week of the semester. Since scholarships are not guaranteed, students should plan to fund their education separately. See the Tuition tab in the D.Min. BC section of the TMU website for more information and to apply for scholarships.

School of Business & Communication

Dr. John C. Beck, Dean

DEPARTMENT OF BUSINESS ADMINISTRATION

Dr. Dwight D. Ham, Chairperson

Business Administration is a profession practiced by managers who solve problems and make decisions in the process of leading and guiding an organizational unit in its efforts to achieve an inherent goal or objective. Organizational activities are measured for their effectiveness (the degree to which organizational goals are accomplished) and for their efficiency (the cost in resources used to achieve these goals). In the Business Administration Department, studies develop from a common viewpoint that all truth is of God. Therefore, as led by the Spirit, the student will search for truth to be applied with wisdom to the glory and honor of God.

Objectives

Students with a major in Business Administration will study the fundamentals of management theory together with the "tools" used by modern management practitioners; will explore modern theories, concepts, and principles of management and administration; will apply the lessons learned to contemporary management situations; and will be encouraged to develop an appreciation for contemporary literature in the dynamic field of business administration.

Program Policies

Computer Recommendation

Business majors are encouraged but not required to use a computing device that operates on a "PC" platform. In several courses, it is necessary to use functions in Microsoft Excel that are not available in the Apple version of Excel. Some higher level Accounting courses also use software that is not compatible with Apple devices.

Directed Study Policy

There will be no Business Department courses offered as Directed Study other than internship courses. A student may appeal this policy if:

- The student is entering his/her final semester and there is a course conflict. An appeal on these grounds will not be considered if the course conflict involves courses to complete more than the one required emphasis.
- The student needs to retake one course and cannot return to campus to complete his/her degree.

Double Emphasis Policy

In order to complete an emphasis beyond the one required emphasis, a student must complete at least three unique business courses (9 units) for each additional emphasis. Please see your Academic Advisor to discuss double emphasis graduation requirements.

Online Enrollment Restrictions for Traditional Students

For the purposes of this policy, a TMU student who declares and is currently pursuing a Traditional curriculum as indicated on his/her academic record. Traditional students may only take online major-specific courses from the following list (subject to availability):

- ACC329 Accounting IS Applications
- BUS320 Business Law
- BUS483 Business Internship
- CS270A Business Software Applications
- ECN210 Microeconomics
- INB311 Global Business Strategies
- MGT310 Management Theory
- MGT351 Human Resource Management
- MGT321 Decision Science Fundamentals

Traditional Students may take up to three courses from the list above without approval from the Department of Business Administration chair (Dr. Dwight Ham). Students may not take more than two online business management courses during any one fall or spring semester. If a traditional student wishes to take more than three classes from this list, the student must receive approval from the Department of Business Administration chair.

Transfer Policies

The Master's University Department of Business Administration seeks to ensure the quality of its curriculum as reflected in its graduates. One way this quality is safeguarded is through limiting the coursework that may be transferred into the program. With this in mind, the following protocol has been adopted by the Business faculty:

1. The equivalents of ECN200 and ECN210 will be accepted for TMU business courses in transfer from a two-year college. No other courses will be accepted by TMU's Business Department from a two-year college.
2. Lower-division courses are not accepted in transfer for upper-division Business Department requirements.
3. The Business Department reserves the right to assess the student's prior coursework in the relevant subject area before accepting a course in transfer.
4. Once a student has declared a TMU Business major, all remaining business courses must be completed at TMU.

Bachelor of Science in Business Administration

Every Business student completes the basic core, and then takes additional courses in at least one of the ten Business emphases: Accounting, Agricultural Business, Christian Ministries Administration, Finance, International Business, Management, Management Information Systems, Marketing, Pre-law, or Public Relations.

Business Administration Core Courses

Business Administration Core Courses Program Learning Outcomes

1. Demonstrate a strong working knowledge of accounting.
2. Demonstrate a strong working knowledge of economics.
3. Demonstrate a strong working knowledge of the management field.
4. Demonstrate a strong working knowledge of selected information system applications.
5. Demonstrate a strong working knowledge of finance.
6. Demonstrate a strong working knowledge of international commerce.
7. Demonstrate a strong working knowledge of marketing.
8. Demonstrate a strong working knowledge of the quantitative analysis techniques applied within common business situations.
9. Demonstrate a thorough working knowledge of business law, including partnerships, contracts, and personnel.
10. Demonstrate the ability to interpret business-related qualitative and quantitative analyses, and to explain them to others in both written and oral form.
11. Demonstrate the ability to work effectively in teams.
12. For given business ethics situations, identify applicable biblical imperatives.

Business Administration Core Courses

ACC210	Accounting Fundamentals I	3
ACC220	Accounting Fundamentals II	3
ACC460	Tax Accounting	3
BUS310	Statistics for Business*	3
BUS320	Business Law	3
BUS490	Advanced Business Seminar (Capstone)	3
ECN210	Microeconomics	3
FIN440	Finance	3
INB311	Global Business Strategies	3
MGT310	Management Theory	3
MGT330	Business Communications**	3
MKT350	Marketing Fundamentals	3
One of the following		*3*
	CS270A Business Software Applications (3)	
	ACC329 Accounting IS Applications (3)	
Total units required for core courses		*39*

**Fulfills G.E. requirement for MA240.*
***Fulfills G.E. requirement for C100.*

Accounting Emphasis

Accounting

Students with a program emphasis in accounting will study basic accounting theories and principles as recognized and practiced by the accounting profession. Graduates may enter public accounting (CPA) or management accounting (CMA) careers.

Accounting Program Learning Outcomes

1. Given necessary financial data for a business situation, demonstrate an in-depth working knowledge of the accounting cycle, including development of accurate financial reports in accordance with generally accepted accounting principles (GAAP).
2. Describe auditing standards, reports, and procedures necessary for performing an audit.
3. Demonstrate a basic working knowledge of taxation principles.
4. Demonstrate a working knowledge of cost accounting principles within a business situation.

Business Administration Core Courses

ACC210	Accounting Fundamentals I	3
ACC220	Accounting Fundamentals II	3
ACC460	Tax Accounting	3
BUS310	Statistics for Business*	3
BUS320	Business Law	3
BUS490	Advanced Business Seminar (Capstone)	3
ECN210	Microeconomics	3
FIN440	Finance	3
INB311	Global Business Strategies	3
MGT310	Management Theory	3
MGT330	Business Communications**	3
MKT350	Marketing Fundamentals	3
One of the following		*3*
	CS270A Business Software Applications (3)	
	ACC329 Accounting IS Applications (3)	
Total units required for core courses		*39*

**Fulfills G.E. requirement for MA240.*
***Fulfills G.E. requirement for C100.*

Accounting Emphasis Courses

Business Administration Core Courses		39
ACC302	Accounting for Non-Profits and Government	3
ACC311	Intermediate Accounting I	3
ACC312	Intermediate Accounting II	3
ACC331	Accounting Professional Responsibility	3
ACC431	Cost Accounting	3
ACC442	Auditing	3
ACC451	Advanced Accounting	3
ACC462	Tax Accounting II	3
Total units required for emphasis		*63*

Note: In addition, to qualify for the CPA license, accounting majors need to take BUS330 Business Ethics for their philosophy G.E. requirement (P311) and need to complete a total of 150 semester units.

Agricultural Business Emphasis

Agricultural Business

This emphasis equips business students to enter the global agriculture industry. Students learn about agricultural production, market behavior, trade policy, and pricing trends. Possible career paths include agricultural lending, farm management, commodities trading, supply chain management, and marketing of food products. Field experience includes on site observation and interaction with Christians in the agricultural industry.

Agricultural Business Program Learning Outcomes

1. Students will demonstrate the ability to analyze current events in agriculture and evaluate their effects on agricultural firm performance.
2. Students will demonstrate the ability to analyze statistical data and draw appropriate conclusions to inform agricultural production decisions.
3. Students will possess and demonstrate an understanding of the impact of globalization trends on agricultural organizations.
4. Students will possess and demonstrate an understanding of trade agreements, monetary policy, currency exchange, and environmental regulations in practice.

Business Administration Core Courses

ACC210	Accounting Fundamentals I	3
ACC220	Accounting Fundamentals II	3
ACC460	Tax Accounting	3
BUS310	Statistics for Business*	3
BUS320	Business Law	3
BUS490	Advanced Business Seminar (Capstone)	3
ECN210	Microeconomics	3
FIN440	Finance	3
INB311	Global Business Strategies	3
MGT310	Management Theory	3
MGT330	Business Communications**	3
MKT350	Marketing Fundamentals	3
One of the following		*3*
	CS270A Business Software Applications (3)	
	ACC329 Accounting IS Applications (3)	
Total units required for core courses		*39*

**Fulfills G.E. requirement for MA240.*
***Fulfills G.E. requirement for C100.*

Agricultural Business Emphasis Courses

Business Administration Core Courses		39
AGB301	Agricultural Management	3
AGB302	Marketing Agricultural Products	3
AGB400	Field Study	3
AGB401	Agricultural Economics	3
AGB402	Government Policy in Agribusiness	3
MGT321	Decision Science Fundamentals	3
Total units required for emphasis		*57*

Christian Ministries Administration Emphasis

Christian Ministries Administration

This emphasis is designed for those who specifically desire to minister in an administrative capacity in a local church or other Christian organization. This emphasis helps prepare students for careers as a pastor, Christian school or Christian college administrator, church administrator, or missions director.

Christian Ministries Administration Program Learning Outcomes

1. Demonstrate a working knowledge of key principles governing financial management in not-for-profit ministry environments.
2. Articulate a biblical philosophy of church structure.
3. Articulate a practical understanding for Christian ministry administration.
4. Demonstrate a basic working knowledge of the laws that affect personnel issues in ministry.

Business Administration Core Courses

ACC210	Accounting Fundamentals I	3
ACC220	Accounting Fundamentals II	3
ACC460	Tax Accounting	3
BUS310	Statistics for Business*	3
BUS320	Business Law	3
BUS490	Advanced Business Seminar (Capstone)	3
ECN210	Microeconomics	3
FIN440	Finance	3
INB311	Global Business Strategies	3
MGT310	Management Theory	3
MGT330	Business Communications**	3
MKT350	Marketing Fundamentals	3
One of the following		*3*
	CS270A Business Software Applications (3)	
	ACC329 Accounting IS Applications (3)	
Total units required for core courses		*39*

**Fulfills G.E. requirement for MA240.*
***Fulfills G.E. requirement for C100.*

Christian Ministries Administration Emphasis Courses

Business Administration core courses		39
ACC302	Accounting for Non-Profits and Government	3
BTH366	Theology of the Church and Family	3
MGT351	Human Resource Management	3
MGT439	Ministry Administration Practicum	1
One of the following		*3*
	BUS483 Business Internship (3)	
	POL445 The Church as a Legal Institution (3)	
Total units required for emphasis		*52*

Finance Emphasis

Finance

This emphasis is designed for those students preparing for financial service careers, such as commercial and residential real estate agent, investment broker, wealth manager, corporate financial analyst, and financial officer/treasurer in small/medium enterprises.

Finance Program Learning Outcomes

1. Demonstrate a working knowledge of key principles governing financial management in not-for-profit ministry environments.
2. Articulate a biblical philosophy of church structure.
3. Articulate a practical understanding for Christian ministry administration.
4. Demonstrate a basic working knowledge of the laws that affect personnel issues in ministry.

Business Administration Core Courses

ACC210	Accounting Fundamentals I	3
ACC220	Accounting Fundamentals II	3
ACC460	Tax Accounting	3
BUS310	Statistics for Business*	3
BUS320	Business Law	3
BUS490	Advanced Business Seminar (Capstone)	3
ECN210	Microeconomics	3
FIN440	Finance	3
INB311	Global Business Strategies	3
MGT310	Management Theory	3
MGT330	Business Communications**	3
MKT350	Marketing Fundamentals	3
One of the following		*3*
	CS270A Business Software Applications (3)	
	ACC329 Accounting IS Applications (3)	
Total units required for core courses		*39*

**Fulfills G.E. requirement for MA240.*
***Fulfills G.E. requirement for C100.*

Finance Emphasis Courses

Business Administration core courses		39
ACC462	Tax Accounting II	3
FIN321	Real Estate Principles	3
FIN332	Financial Services Management	3
FIN341	Investments	3
Two of the following		*6*
	ACC311 Intermediate Accounting I (3)	
	ACC312 Intermediate Accounting II (3)	
	ACC431 Cost Accounting (3)	
	BUS483 Business Internship (3)	
	FIN338 Introduction to Risk Management (3)	
	FIN388 Studies in Finance (3)	
	MGT321 Decision Science Fundamentals (3)	
Total units required for emphasis		*57*

International Business Emphasis

International Business

Students pursuing international business will prepare to enter a business career within an international environment (either domestically or abroad) with dual purposes of missional living and wealth generation.

International Business Program Learning Outcomes

1. Demonstrate understanding of business expansion overseas.
2. Apply knowledge of differences in international laws to business situations.
3. Demonstrate working knowledge of how international economic and political challenges relate to business.
4. Apply biblical principles to international business decisions.

Business Administration Core Courses

ACC210 Accounting Fundamentals I 3
ACC220 Accounting Fundamentals II 3
ACC460 Tax Accounting 3
BUS310 Statistics for Business* 3
BUS320 Business Law 3
BUS490 Advanced Business Seminar (Capstone) 3
ECN210 Microeconomics 3
FIN440 Finance 3
INB311 Global Business Strategies 3
MGT310 Management Theory 3
MGT330 Business Communications** 3
MKT350 Marketing Fundamentals 3
One of the following *3*
CS270A Business Software Applications (3)
ACC329 Accounting IS Applications (3)
Total units required for core courses *39*
**Fulfills G.E. requirement for MA240.*
***Fulfills G.E. requirement for C100.*

International Business Emphasis Courses

Business Administration core courses 39
BMS346 Cultural Anthropology 3
INB365 International Economics and Trade 3
INB372 International Business Marketing 3
Two of the following *6*
BMS385 World Religions (3)
BUS368 Entrepreneurship (3)
C391 Intercultural Communication (3)
ESL303 Introduction to Linguistics (3)
INB488 International Business Experience (3)
SS381 Cultural Geography (3)
Total units required for emphasis *54*

Management Emphasis

Management

Students pursuing this emphasis will study the functions that managers perform, as well as the conceptual framework of organizations working to achieve common goals and objectives. Graduates may enter career paths in general management or, with further graduate studies, enter one of the specialized management fields.

Management Program Learning Outcomes

1. Given a business situation, identify and develop appropriate quantitative tools for operational management.
2. Demonstrate a basic working knowledge of the laws that affect personnel issues in a business organization.
3. Demonstrate a basic working knowledge in at least one of the following management-related areas:
   a. The role of financial intermediation in society.
   b. Vehicles and strategies that relate to investments in the stock and bond markets.
   c. Cost accounting.

Business Administration Core Courses

ACC210	Accounting Fundamentals I	3
ACC220	Accounting Fundamentals II	3
ACC460	Tax Accounting	3
BUS310	Statistics for Business*	3
BUS320	Business Law	3
BUS490	Advanced Business Seminar (Capstone)	3
ECN210	Microeconomics	3
FIN440	Finance	3
INB311	Global Business Strategies	3
MGT310	Management Theory	3
MGT330	Business Communications**	3
MKT350	Marketing Fundamentals	3
One of the following		*3*
	CS270A Business Software Applications (3)	
	ACC329 Accounting IS Applications (3)	
Total units required for core courses		*39*

**Fulfills G.E. requirement for MA240.*
***Fulfills G.E. requirement for C100.*

Management Emphasis Courses

Business Administration core courses		39
MGT321	Decision Science Fundamentals	3
MGT351	Human Resource Management	3
MGT409	Leadership Principles	3
Any three Business courses with the Business prefix		9
Total units required for emphasis		*57*

Management Information Systems

Management Information Systems

Students pursuing this emphasis will undertake studies to develop a competency in the application of computer technology to the problem-solving and information-handling activities necessary for the effective, efficient conduct of business activities.

Management Information Systems Program Learning Outcomes

1. Demonstrate a working knowledge of the software development cycle and the purposes and activities of each phase.
2. Demonstrate the ability to effectively design, write, debug, and test computer programs accurately using syntax, semantics, and common data structures.
3. Demonstrate a working knowledge of cloud server administration.
4. Demonstrate a working knowledge of the principles underlying modern operating systems.
5. Demonstrate a working knowledge of modern layered network technologies.
6. Demonstrate a working knowledge of web development by designing and creating complex websites.

Business Administration Core Courses

ACC210	Accounting Fundamentals I	3
ACC220	Accounting Fundamentals II	3
ACC460	Tax Accounting	3
BUS310	Statistics for Business*	3
BUS320	Business Law	3
BUS490	Advanced Business Seminar (Capstone)	3
ECN210	Microeconomics	3
FIN440	Finance	3
INB311	Global Business Strategies	3
MGT310	Management Theory	3
MGT330	Business Communications**	3
MKT350	Marketing Fundamentals	3
One of the following		*3*
	CS270A Business Software Applications (3)	
	ACC329 Accounting IS Applications (3)	
Total units required for core courses		*39*

**Fulfills G.E. requirement for MA240.*
***Fulfills G.E. requirement for C100.*

Management Information Systems Emphasis Courses

Business Administration core courses		39
CS121P	Introduction to Computer Programming	3
CS132S	Data Structures & Algorithms	3
CS288W	Web Design	3
CS311C	Cloud Administration	3
CS342D	Database Management Systems	3
CS392M	Project Management and Enterprise Software	3
One of the following		*3*
	BUS483 Business Internship (3)	
	CS122J JavaScript Essentials (3)	
	CS202H Computer Hardware (3)	
	CS312N Networking Principles & Architecture (3)	
	CS321X Linux (3)	
	MGT321 Decision Science Fundamentals (3)	
Total units required for emphasis		*60*

Marketing Emphasis

Marketing

Students pursuing this business emphasis could enter a career in sales and marketing, including handling such areas as marketing research, social media, and marketing content development used for branding and promotional collateral.

Marketing Program Learning Outcomes

1. Demonstrate ability to construct effective marketing strategies.
2. Conduct appropriate market research.
3. Evaluate marketing approaches through a biblical filter.

Business Administration Core Courses

ACC210	Accounting Fundamentals I	3
ACC220	Accounting Fundamentals II	3
ACC460	Tax Accounting	3
BUS310	Statistics for Business*	3
BUS320	Business Law	3
BUS490	Advanced Business Seminar (Capstone)	3
ECN210	Microeconomics	3
FIN440	Finance	3
INB311	Global Business Strategies	3
MGT310	Management Theory	3
MGT330	Business Communications**	3
MKT350	Marketing Fundamentals	3
One of the following		*3*
	CS270A Business Software Applications (3)	
	ACC329 Accounting IS Applications (3)	
Total units required for core courses		*39*

**Fulfills G.E. requirement for MA240.*
***Fulfills G.E. requirement for C100.*

Marketing Emphasis Courses

Business Administration core courses		39
INB372	International Business Marketing	3
MKT361	Marketing Strategy	3
MKT381	Consumer Behavior	3
MKT462	Sales & Customer Service	3
MKT482	Marketing Research	3
Two of the following		*6*
	BUS368 Entrepreneurship (3)	
	C352 Editing I, Principles of Copyediting (3)	
	C368 Fundamentals of Advertising (3)	
	C373 Graphic Design I (3)	
	C382 Persuasion (3)	
	CS312N Network Principles & Architecture (3)	
	MKT371 Digital Marketing (3)	
	MKT488 Marketing Internship (3)	
Total units required for emphasis		*60*

Pre-Law Emphasis

Pre-Law

Students preparing for a legal career may choose a curriculum that emphasizes law and business before entering law school. This emphasis affords an excellent foundation for business law practices.

Pre-Law Program Learning Outcomes

1. Demonstrate a basic working knowledge of the philosophical underpinnings of the U.S. legal system.
2. Demonstrate a basic working knowledge of the laws that affect personnel issues in a business organization.
3. Demonstrate a basic working knowledge of the laws affecting confessional organizations.

Business Administration Core Courses

ACC210 Accounting Fundamentals I 3
ACC220 Accounting Fundamentals II 3
ACC460 Tax Accounting 3
BUS310 Statistics for Business* 3
BUS320 Business Law 3
BUS490 Advanced Business Seminar (Capstone) 3
ECN210 Microeconomics 3
FIN440 Finance 3
INB311 Global Business Strategies 3
MGT310 Management Theory 3
MGT330 Business Communications** 3
MKT350 Marketing Fundamentals 3
One of the following *3*
CS270A Business Software Applications (3)
ACC329 Accounting IS Applications (3)
Total units required for core courses *39*
**Fulfills G.E. requirement for MA240.*
***Fulfills G.E. requirement for C100.*

Pre-Law Emphasis Courses

Business Administration core courses 39
MGT351 Human Resource Management 3
POL366 Western Political Philosophy II 3
POL426 The Judicial Process 3
Two of the following *6*
ACC462 Tax Accounting II (3)
BUS483 Business Internship (3)
POL343 U.S. Constitutional History (3)
POL423 Law and Public Policy (3)
POL444 The Supreme Court & the Bill of Rights (3)
POL445 The Church as a Legal Institution (3)
Total units required for emphasis *54*

Public Relations Emphasis

Public Relations

Students who choose this emphasis will study a combination of business and communication disciplines that will prepare them to influence the opinions and choices of people within a free market.

Public Relations Program Learning Outcomes

1. Demonstrate a basic working knowledge of public relations theory.
2. Demonstrate basic public relations skills within an organizational setting.
3. Demonstrate the ability to make effective written and oral presentations using both logical and persuasive reasoning.

Business Administration Core Courses

ACC210 Accounting Fundamentals I 3
ACC220 Accounting Fundamentals II 3
ACC460 Tax Accounting 3
BUS310 Statistics for Business* 3
BUS320 Business Law 3
BUS490 Advanced Business Seminar (Capstone) 3
ECN210 Microeconomics 3
FIN440 Finance 3
INB311 Global Business Strategies 3
MGT310 Management Theory 3
MGT330 Business Communications** 3
MKT350 Marketing Fundamentals 3
One of the following *3*
CS270A Business Software Applications (3)
ACC329 Accounting IS Applications (3)
Total units required for core courses *39*
**Fulfills G.E. requirement for MA240.*
***Fulfills G.E. requirement for C100.*

Public Relations Emphasis Courses

Business Administration core courses39
C220 News Media Literacy 3
C381 Beginning Public Relations 3
Three of the following *9*
BUS368 Entrepreneurship (3)
BUS483 Business Internship (3)
C261 Introduction to Journalism (3)
C368 Fundamentals of Advertising (3)
C382 Persuasion (3)
C392 Advanced Public Relations (3)
INB372 International Business Marketing (3)
MKT361 Marketing Strategy (3)
MKT371 Digital Marketing (3)
MKT381 Consumer Behavior (3)
MKT462 Sales & Customer Service (3)
MKT482 Marketing Research (3)
MKT488 Marketing Internship (3)
Total units required for emphasis *54*

Minors

Minor in Accounting

A minor in Accounting is offered to students not majoring in business, but who wish to develop a marketable skill.

Minor in Accounting Courses

ACC210	Accounting Fundamentals I	3
ACC220	Accounting Fundamentals II	3
ACC302	Accounting for Non-Profits and Government	3
ACC311	Intermediate Accounting I	3
ACC312	Intermediate Accounting II	3
ACC431	Cost Accounting	3
ACC442	Auditing	3
ACC451	Advanced Accounting	3
ACC460	Tax Accounting	3
Total units required for minor		*27*

Minor in Business Administration

A minor in Business Administration is offered to students not majoring in business, but who desire a basic understanding of the process of people working together to achieve common goals. This administrative process is known as management and is recommended for a student preparing for any career that may call for administrative responsibilities.

Minor in Business Administration Courses

ACC210	Accounting Fundamentals I	3
One of the following		*3*
	ACC460 Tax Accounting (3)	
	FIN341 Investments (3)	
BUS320	Business Law	3
CS270A	Business Software Applications	3
MGT310	Management Theory	3
MGT330	Business Communications	3
MKT350	Marketing Fundamentals	3
Total units required for minor		*21*

Graduate Program

See School of Online:

- Master of Business Administration: Management
- Master of Business Administration: Sport Management

DEPARTMENT OF COMMUNICATION

Dr. Robert Dickson, Chairperson

The Department of Communication seeks to identify and develop the spiritual gifts of students to comprehend and communicate truth through an ever-changing array of media platforms and opportunities. In this way, communication students become shrewd discerners and powerful proclaimers for God's glory.

The department of Communication offers a Bachelor of Arts degree in Cinema & Digital Arts and a Bachelor of Arts in Communication with emphases in Communication Studies, Creative Writing & Publishing, Journalism or Visual Communication. Courses in the Department of Communication emphasize the theory and practice of communication, cultivate creativity and entrepreneurial acumen, and offer hands-on experience in specific professional fields such as broadcast, print, and electronic journalism, creative writing, editing, graphic design, photography, cinematography, video production, short and feature film making, theatre arts, and multi-media storytelling. Students majoring in communication lay a foundation for careers in all forms of professional content creation, including professional writing and broadcasting, journalism, editing, video production, video editing, directing, radio production and podcasting, graphic design, photography, advertising, mission-field and church-related multi-media production, as well as teaching and law.

Program Policy

Online Enrollment Restrictions for Traditional Students

For the purposes of this policy, a TMU student who declares and is currently pursuing a Traditional curriculum as indicated on his/her academic record. Traditional students in the Communication Studies, Creative Writing & Publishing, Journalism, or Visual Communication emphases may only take 24 major-specific units from TMU Online. Traditional students in Cinema & Digital Arts have no major-specific restrictions on the number of units they may take from TMU Online.

Transfer Policy

The Master's University Department of Communication seeks to ensure the quality of its curriculum as reflected in its graduates. One way this quality is safeguarded is by limiting the coursework that may be transferred into the major from other institutions.

With this in mind, the following protocol applies:

1. A maximum of 15 units will be accepted from outside institutions.

Bachelor of Arts in Communication

Communication Core Courses

Communication Core Courses Program Learning Outcomes

1. Present information, ideas, positions, or opinions in a manner that reflects the virtues of clarity, concision, accuracy, and persuasion.
2. Adapt words and rhetorical strategies according to varying situations and audiences.
3. Make assumptions clear.
4. Use relevant logical arguments and appropriate examples.
5. Incorporate various aspects of nonverbal communication, including intonation, pause, gesture, and body language.
6. Present creative and original thoughts and ideas, extending beyond summarization and repetition of readily available published information.
7. Engage effectively in discussion as both speaker and listener through interpreting, analyzing, and summarizing.

Communication Core Courses

C220	News Media Literacy	3
One of the following		*3*
	C371 Interpersonal Communication (3)	
	C391 Intercultural Communication (3)	
One of the following		*3*
	C254 Memoir Writing (3)	
	C261 Introduction to Journalism (3)	
	C351 Creative Writing (3)	
One of the following		*3*
	C382 Persuasion (3)	
	C481 Argumentation & Debate (3)	
C472	Rhetorical Criticism	3
Total units required for core courses		*15*

Communication Studies Emphasis

Communication Studies

This emphasis allows courses from ALL listed emphases (along with the core major courses). This emphasis gives students the flexibility to handpick courses specific to their unique interests, gifts, and career goals under the umbrella of communication theory and practice.

Communication Studies Program Learning Outcomes

1. Engage in discussion as both speaker and listener through interpreting, analyzing, and summarizing; contribute to discussions in a way that is readily understood by listeners; present an opinion persuasively; analyze the shape and goals of a discourse; and recognize and take notes on important points in lectures and discussions.
2. Demonstrate the ability to correctly analyze and interpret a discourse.
3. Determine appropriate language and usage in various communicative situations (considering the peculiarities of language, dialect, and culture.
4. Prepare and efficiently present various types of oral discourse discussions, reports, speeches, and debates.

Communication Core Courses

C220 News Media Literacy 3
One of the following *3*
- C371 Interpersonal Communication (3)
- C391 Intercultural Communication (3)

One of the following *3*
- C254 Memoir Writing (3)
- C261 Introduction to Journalism (3)
- C351 Creative Writing (3)

One of the following *3*
- C382 Persuasion (3)
- C481 Argumentation & Debate (3)

C472 Rhetorical Criticism 3
Total units required for core courses *15*

Communication Studies Emphasis Courses

Communication core courses 15
Communication electives* 33
Also Acceptable (maximum of 6 units)
- CS288W Web Design (3)
- E315 Neoclassicism (3)
- E436 Contemporary Critical Theory (3)
- E453 Psychoanalytic Criticism (3)
- E499G Feminist Criticism and Gender Theory (3)
- MGT330 Business Communications (3)
- MKT350 Marketing Fundamentals (3)
- POL336 Political Communication (3)

Total units required for emphasis 48
**Choose any communication course.*

Creative Writing & Publishing Emphasis

Creative Writing & Publishing

This emphasis offers a course of study for students interested in the various aspects of content creation of print and electronic publication, including writing, publishing, editing, podcasting, photography, and graphic design.

Creative Writing & Publishing Program Learning Outcomes

1. Effectively incorporate a biblical worldview in writing as appropriate for the situation.
2. Write effectively in several forms and genres, including short stories, essays, memoirs, and features.
3. Demonstrate a working knowledge of photography (portrait and journalistic), and photo editing for the purpose of producing print and digital documents.
4. Demonstrate basic proficiency in textual editing for elements of story, style, grammar, tone, and institutional appropriateness.

Communication Core Courses

C220 News Media Literacy 3
One of the following *3*
- C371 Interpersonal Communication (3)
- C391 Intercultural Communication (3)

One of the following *3*
- C254 Memoir Writing (3)
- C261 Introduction to Journalism (3)
- C351 Creative Writing (3)

One of the following *3*
- C382 Persuasion (3)
- C481 Argumentation & Debate (3)

C472 Rhetorical Criticism 3
Total units required for core courses *15*

Creative Writing & Publishing Emphasis Courses

Communication core courses 15
Eleven of the following *33*
- C121 Fundamentals of Drawing and Design I (3)
- C122 Social Media & Communication (3)
- C132 Podcast Studio (3)
- C138 Photo Journalism (3)
- C142 Introduction to Visual Communication (3)
- C201 Digital Photography I(3)
- C231 Digital Video Editing I (3)
- C234 Travel Writing *(Directed Study)* (3)
- C254 Memoir Writing * (3)
- C261 Introduction to Journalism* (3)
- C304 Digital Photography II (3)
- C308 Entrepreneurship for Creatives (3)
- C320 Newspaper Staff (3-6, *repeatable*)
- C321 Screenwriting I (3)
- C331 Freelance Entrepreneurship/Digital Age (3)
- C338 Multimedia Storytelling (3)
- C341 Feature Writing (3)
- C351 Creative Writing* (3)
- C352 Editing I, Principles of Copyediting (3)
- C368 Fundamentals of Advertising (3)
- C372 Science Fiction Writing (3)
- C373 Graphic Design I (3)
- C378 Fantasy Fiction Writing (3)
- C398 Content Streaming Workshop (3)
- C404 Graphic Design II (3)
- C430 Communication Internship (1-9)
- C432 Sports Journalism (3)
- C441 Poetry Writing (3)
- C448 Rhetoric of Fantasy Literature (3)
- C452 Editing II, Advanced Copyediting (3)
- C459 Novel Writing (*Directed Study by instructor approval*) (3)
- C462 Creative Writing II (3)
- C471 Writing for Publication (3)
- C482 The Graphic Novel (3)
- C485 Detective Fiction (3)
- C492 In-Depth Reporting (3)

C499 CWP Senior Capstone 3
Total units required for emphasis *48*
**Does not count as an elective if used to satisfy the core requirement.*

Journalism Emphasis

Journalism

This emphasis offers a course of study for students interested in the various and changing field of journalism, including writing and reporting, sports photography, podcasting, editing, public relations, media literacy, TV, radio, and multimedia/social media journalism.

Journalism Program Learning Outcomes

1. Effectively incorporate a biblical worldview in writing as appropriate for the situation.
2. Demonstrate proficiency in journalistic reporting and writing (news story, feature, editorial, and column writing) and Associated Press style. This includes writing a concise journalistic lead and proper quote attribution.
3. Demonstrate proficiency in utilizing forms of multimedia journalism beyond print media: visual elements in concert with writing and editing elements to produce effective pieces of visual journalism.
4. Demonstrate knowledge of journalistic ethics and fairness. Produce stories that are balanced, framing complex issues in a way to present all sides to the reader without interpretation or editorializing. Utilize quoted sources to generate a fair representation of various sides of the issue.

Communication Core Courses

C220 News Media Literacy 3

One of the following *3*

- C371 Interpersonal Communication (3)
- C391 Intercultural Communication (3)

One of the following *3*

- C254 Memoir Writing (3)
- C261 Introduction to Journalism (3)
- C351 Creative Writing (3)

One of the following *3*

- C382 Persuasion (3)
- C481 Argumentation & Debate (3)

C472 Rhetorical Criticism 3

Total units required for core courses *15*

Journalism Emphasis Courses

Communication core courses 15

Journalism core courses 18

- C261 Introduction to Journalism* (3)
- C320 Newspaper Staff *(3 semesters required)* (3)
- C338 Multimedia Storytelling (3)
- C492 In-Depth Reporting (3)

Five of the following *15*

- C122 Social Media & Communication (3)
- C132 Podcast Studio (3)
- C138 Photo Journalism (3)
- C142 Introduction to Visual Communication (3)
- C234 Travel Writing *(Directed Study)* (3)
- C301 Political News Reporting (3)
- C303 Documentary Filmmaking (3)
- C318 Introduction to TV Studio Production (3)
- C320 Newspaper Staff** (3)
- C331 Freelance Entrepreneurship/Digital Age (3)
- C341 Feature Writing (3)
- C352 Editing I, Principles of Copyediting (3)
- C362 Writing Editorials and Columns (3)
- C373 Graphic Design I (3)
- C399C Journalism Immersion Workshop (3)
- C404 Graphic Design II (3)
- C430 Communication Internship (1-9)
- C432 Sports Journalism (3)
- C452 Editing II, Advanced Copyediting (3)

Also Acceptable (maximum of 3 units):

- POL325 Political Parties and Elections (3)
- POL333 The Presidency (3)
- POL334 Congress (3)
- POL336 Political Communication (3)
- POL423 Law and Public Policy (3)
- POL426 The Judicial Process (3)
- POL444 The Supreme Court & the Bill of Rights (3)

Total units required for emphasis *48*

**Does not count as Communication core course for Journalism majors.*

***Maximum of 12 units, including 9 required units.*

Visual Communication Emphasis

Visual Communication

This emphasis offers a course of study for students interested in the field of visual communication, including graphic design, photography, illustration and multimedia production.

Visual Communication Program Learning Outcomes

1. Understand and apply a Biblical worldview to visual communication in its analysis and creation.
2. Demonstrate an ability to create media congruent with visual design principles: effective, clear, innovative, persuasive, and creative.
3. Develop an ability to approach design challenges critically, utilizing problem-solving techniques to create solutions that meet the demanding needs of all stakeholders in a project.
4. Develop a proficiency and technical competence using design software and a working knowledge of workflow and processes in media production.

Communication Core Courses

C220 News Media Literacy 3
One of the following *3*
- C371 Interpersonal Communication (3)
- C391 Intercultural Communication (3)

One of the following *3*
- C254 Memoir Writing (3)
- C261 Introduction to Journalism (3)
- C351 Creative Writing (3)
- C482 Graphic Novel (3)

One of the following *3*
- C382 Persuasion (3)
- C481 Argumentation & Debate (3)

C472 Rhetorical Criticism 3
Total units required for core courses *15*

Visual Communication Emphasis Courses

Communication core courses 15
Visual Communication core courses 24
- C142 Introduction to Visual Communication (3)
- C121 Fundamentals of Drawing & Design I (3)
- C214 Fundamentals of Drawing & Design II (3)
- C201 Digital Photography I (3)
- C304 Digital Photography II (3)
- C373 Graphic Design I (3)
- C404 Graphic Design II (3)
- C424 Visual Communication Capstone (3)

Three of the following *9*
- C122 Social Media & Communication (3)
- C132 Podcast Studio (3)
- C138 Photo Journalism (3)
- C191 Pocket Studio (3)
- C323 Introduction to Cinematography (3)
- C331 Freelance Entrepreneurship/Digital Age (3)
- C338 Multimedia Storytelling (3)
- C358 Production Techniques (3)
- C399E Production Design & Wardrobe Workshop (3)
- C430 Communication Internship (1-3)

Total units required for emphasis *48*

Minor

Minor in Communication

Available for students who are completing a major in another department at The Master's University. The minor in Communication includes the three required courses listed below, plus five electives chosen from the Communication Department course offerings:

Minor in Communication Courses

C220 News Media Literacy 3

One of the following *3*

- C371 Interpersonal Communication (3)
- C391 Intercultural Communication (3)

One of the following *3*

- C254 Memoir Writing (3)
- C261 Introduction to Journalism (3)
- C321 Screenwriting I (3)
- C351 Creative Writing (3)

Communication Electives 15

Total units required for minor *24*

Cinema & Digital Arts *(Matthew Green)*
This program offers a course of study for students interested in the visual storytelling including screenwriting, technical aspects of video editing and videography, lighting, sound, and production.

Cinema & Digital Arts majors do not take Communication Core courses.

Cinema & Digital Arts Program Learning Outcomes

1. Demonstrate a working knowledge of media history and theory.
2. Demonstrate basic mastery of film/video pre-production techniques including conceptualizing, scripting, storyboarding, pitching, critique, general shoot preparation, location scouting, basic set design, and casting.
3. Demonstrate basic mastery with film/video production skills including producing, directing, lighting, shooting, and basic sound recording.
4. Demonstrate basic mastery of film/video post-production techniques including video editing, sound editing, basic ADR, effects, and motion graphics.

Cinema & Digital Arts Courses

C202 Film History 3
C231 Digital Video Editing I 3
C232 Digital Video Editing II 3
C311 Video Production I 3
C312 Video Production II 3
C321 Screenwriting I 3
C322 The Business of Film 3
C323 Introduction to Cinematography 3
C331 Freelance Entrepreneurship/Digital Age 3
C401 Directing 3
C402 Film Production 3
C466 Entertainment Law 3
Four of the following *12*
C122 Social Media & Communication (3)
C132 Podcast Studio (3)
C191 Pocket Studio (3)
C303 Documentary Filmmaking (3)
C328 Screenwriting II (3)
C358 Production Techniques (3)
C361 Film Noir: The Genre of Style (3)
C373 Graphic Design I (3)
C374 The Western: Myth, Ideology, and Genre (3)
C394 Introduction to Computer Visual Effects (3)
C399 Advanced Film Production Workshop (3)
C399D Narrative Cinematography and Lighting (3)
C399E Production Design & Wardrobe Workshop (3)
C399F Film to Post: Post Production Workshop (3)
C430 Communication Internship (1-9)
C482 The Graphic Novel (3)
Also acceptable:
C250 Introduction to Acting (3)
C353 Theatre Arts (3)
C355 Theatre Production (3)
MU223 Audio Engineering I (3)
MU251 Pro Tools Fundamentals I/II (101/110) (3)
MU354 Pro Tools Production I (Pro Tools 201) (2)
MU355 Intro to Audio Mixing and Mastering (2)
MU404 Recording Techniques (3)
MU426 Audio Engineering II (3)
Total units required for emphasis *48*

DEPARTMENT OF MARKETING MEDIA

Dr. John C. Beck, Chairperson

Marketing is a profession that involves identifying, cultivating, actively engaging, retaining, and serving customers. It requires strategic decisions about offerings, supply chain, pricing, and above all communication. Advances in communication technology have completely transformed the practice of marketing and the competencies involved. In addition to making strategic choices about communication, our graduates are now often required to produce the very media that will be used to carry crucial branding messages. The Marketing Media major prepares our students to meet this demand through a mix of traditional business courses and media production courses.

Objectives

Students who major in Marketing Media will study the fundamentals of business and marketing together with the "tools" used by marketers to create and utilize media content in a competitive environment. Students will gain proficiency in such areas as visual design, video editing, social media utilization, and copyediting. At the same time, they will be grounded in a classical understanding of marketing as a business discipline including such areas as business statistics, consumer behavior, market segmentation, and research.

Program Policies

Computer Recommendation

Business majors are encouraged but not required to use a computing device that operates on a "PC" platform. In several courses, it is necessary to use functions in Microsoft Excel that are not available in the Apple version of Excel. Some higher level Accounting courses also use software that is not compatible with Apple devices.

Directed Study Policy

There will be no Business Department courses offered as Directed Study. Directed Study and online courses may be allowed for Communication courses at the discretion of the Communication Department. A student may appeal this policy if:

1. The student is entering his/her final semester and there is a course conflict.
2. The student needs to retake one course and cannot return to campus to complete his/her degree.

Note about computers: Majors are encouraged but not required to use a computing device that operates on a "PC" platform. In several courses, it is necessary to use functions in Microsoft Excel that are not available in the Apple version of Excel.

Online Enrollment Restrictions for Traditional Students

For the purposes of this policy, a TMU student who declares and is currently pursuing a Traditional curriculum as indicated on his/her academic record.

Traditional students may substitute online courses as available and as approved by the Dean of the School of Business and Communication.

Transfer Policies

The Master's University Department of Business Administration seeks to insure the quality of its curriculum as reflected in its graduates. One way this quality is safeguarded is by limiting the business coursework that may be transferred into the Marketing Media major from other institutions.
With this in mind, the following protocol applies:

1. No substitutions for business core courses will be accepted from outside institutions.
2. Lower-division courses are not accepted in transfer for upper-division requirements.
3. The Communication Department will reserve the right to assess the student's prior coursework in the relevant subject areas before accepting a course in transfer.

Bachelor of Arts in Marketing Media

Marketing Media *(Dr. John C. Beck)*
The courses offered in this innovative program combine a solid academic foundation in the discipline of marketing with practical skills of media production. The major is composed of 20 major courses comprising 60 semester units. Half are from our marketing program, and the other half are selected from an assortment of media production offerings in consultation with your advisor. This combination of knowledge and practical know-how allows our graduates to plan and implement impactful marketing strategies.

Marketing Media Program Learning Outcomes

1. Demonstrate the ability to respond to moral and ethical situations in the electronic media environment from a biblical basis.
2. Demonstrate basic mastery of media production.
3. Demonstrate a strong working knowledge of marketing.
4. For given business ethics situations, identify applicable biblical imperatives.
5. Demonstrate a strong working knowledge of fundamental business skills.

Required Business Core Courses

BUS310	Statistics for Business*	3
BUS330	Business Ethics**	3
INB372	International Marketing	3
MGT330	Business Communications***	3
MKT350	Marketing Fundamentals	3
MKT361	Marketing Strategies	3
MKT371	Digital Marketing	3
MKT381	Consumer Behavior	3
MKT462	Sales & Customer Service	3
MKT482	Marketing Research	3
Total required business courses		*30*

**Fulfills G.E. requirement for MA240.*
***Fulfills G.E. requirement for P311.*
****Fulfills G.E. requirement for C100.*

Communication Courses

C494	Marketing Media Capstone	3
Any 9 of the following◊		*27*

BUS483 Business Internship (3)
C121 Fundamentals of Drawing & Design I (3)
C122 Social Media & Communication (3)
C132 Podcast Studio (3)
C142 Introduction to Visual Communication (3)
C191 Pocket Studio (3)
C201 Digital Photography I (3)
C231 Digital Video Editing I (3)
C261 Introduction to Journalism (3)
C311 Video Production I (3)
C312 Video Production II (3)
C331 Freelance Entrepreneurship/Digital Age (3)
C338 Multimedia Storytelling (3)
C341 Feature Writing (3)
C348 Content Marketing (3)
C352 Editing I, Principles of Copyediting (3)
C368 Fundamentals of Advertising (3)
C373 Graphic Design I (3)
C381 Beginning Public Relations (3)
C404 Graphic Design II (3)
CS288W Web Design (3)

Total units required *60*

◊Students may include any other communication course with permission from the chair or dean.

DEPARTMENT OF ENTREPRENEURIAL STUDIES

Dr. John C. Beck, Chairperson

Entrepreneurial firms generate economic growth and prosperity wherever they are found. They are responsible for half of all global productivity. They comprise 95% of businesses overall and they create between 60-90% of all new jobs. Through business ownership, believers find a platform to communicate the character of Christ. They also find a platform to proclaim the Gospel, intentionally supporting the mission of Christ through the local church. The Entrepreneurship department at The Master's University exists to equip marketplace ministers who want to start and grow commercial ventures for the glory of God.

Program Policies

Online Enrollment Restrictions for Traditional Students

For the purposes of this policy, a TMU student who declares and is currently pursuing a Traditional curriculum as indicated on his/her academic record.

Traditional students may substitute online courses as available and as approved by the Dean of the School of Business and Communication.

Bachelor of Arts in Entrepreneurship

Entrepreneurship *(Dr. John C. Beck)*

The Entrepreneurship major is composed of 13 major courses totaling 39 semester units. This program has been designed to help entrepreneurs develop effective innovation, leadership, and management skills in the business arena from a distinctly biblical perspective. The curriculum is organized to provide a greater understanding of the management field, the communication tools necessary to interact with diverse stakeholders, and the biblical guardrails for a Christian who initiates and grows commercial ventures.

Entrepreneurship Program Learning Outcomes

1. Demonstrate the ability to effectively network and communicate persuasively using both written and oral skills.
2. Demonstrate the ability to work independently and with others in task coordination using a team approach under tight deadlines.
3. Demonstrate the application of analytical and critical thinking in areas including technology trend analysis, business model formulation, and market strategy
4. Demonstrate synthesis of skills in venture disciplines (including: business communication, management, entrepreneurial finance, marketing, and human capital management).

Entrepreneurship Courses

BUS330 Business Ethics* 3
ECN210 Microeconomics 3
ENT200 Innovation and Entrepreneurship 3
ENT300 Entrepreneurial Finance 3
MGT351 Human Resource Management 3
MGT409 Leadership Principles 3
MKT350 Marketing Fundamentals 3
One of the following 3
- BUS320 Business Law (3)
- MGT345 Entrepreneurial Law (3)

One of the following 3
- ACC210 Accounting Fundamentals I (3)
- MGT435 Financial & Managerial Accounting (3)

One of the following 3
- MGT330 Business Communication** (3)
- MGT335 Organizational Communication - Fundamentals (3)

One of the following 3
- MGT336 Organizational Communication - Advanced (3)
- MKT462 Sales & Customer Service (3)

One of the following 3
- MGT310 Management Theory (3)
- MGT411 Organizational Management (3)

One of the following 3
- MGT425 Entrepreneurial Marketing (3)
- MKT361 Marketing Strategy (3)

One of the following 3
- BUS368 Entrepreneurship (3)
- MGT461 Innovation Lab (3)

Advisor Approved Electives 22
Total units required for major 61

**Fulfills G.E. requirement for P311.*
***Fulfills G.E. requirement for C100.*

DEPARTMENT OF SPORT MANAGEMENT

Dr. Wayne Rasmussen, Chairperson

Sport Management is a profession that is built on knowledge, experience, and enduring relationships. Sport managers and leaders are professionals who prevent problems, solve problems when they occur, all while they plan and create special sporting experiences towards the common goal of making such experiences very memorable. Sport and sporting endeavors hold a very special and unique place in cultures the world over and as a result this fact creates the opportunity and privilege to do relationship which in turn creates opportunities to share the good news of the Gospel.

Towards these stated ends students will gain a strong base of knowledge through foundational courses such as Introduction to Sport Management, History/Sociology & Psychology of Sport, and Sport Ethics as well as through a strong portfolio of upper division classes including some of which are Legal Aspects of Sport, Event Management, and Data Analytics with the major core culminating in the capstone course experience of Leadership and Human Dynamics in Sport. Practical management and leadership skills will be further developed through mentorship with the professors and guest lecturers, as well as through internship experience(s) where knowledge gained can be practically applied in real world settings. Throughout the undergraduate experience students will be trained in what it means to be a professional in the sporting industry and they will develop a strong network of relationships in preparation for their future career callings. This in turn will create incarnational opportunities in the sporting marketplace for our graduates to share the hope of their Christian faith.

Program Policy

Online Enrollment Restrictions for Traditional Students

For the purposes of this policy, a TMU student who declares and is currently pursuing a Traditional curriculum as indicated on his/her academic record. Sport Management majors are not permitted to take any (available) online undergraduate Sport Management (SPM prefix) courses except by appeal and special permission of the Director of the Sport Management Program.

Bachelor of Arts in Sport Management

Sport Management *(Dr. Wayne Rasmussen)*

The major in Sport Management is composed of 15 core courses totaling 45 semester units. The design of this major is built upon a foundation that is distinctly biblical and that seeks to honor God in all of its elements. The curriculum provides students with a strong base of knowledge, practical management and leadership skills acquisition, and insights on how to network effectively as they prepare for one of the many careers that is available in the sports industry from the youth levels through the collegiate and professional ranks.

Sport Management Program Learning Outcomes

1. Demonstrate the ability to effectively communicate persuasively using both written and oral skills.
2. Demonstrate the ability to work independently and with others in task coordination using a team approach under tight deadlines.
3. Demonstrate the application of analytical and critical thinking in areas including technology trend analysis, business model formulation, and market strategy.
4. Demonstrate synthesis of skills in venture disciplines (including: business communication, management, entrepreneurial finance, marketing, and human capital management).

Sport Management Courses

MGT435	Finance & Managerial Accounting	3
MKT372	Marketing in Sport	3
SPM200	Introduction to Sport Management	3
SPM210	History, Sociology, and Psychology of Sport	3
SPM300	Sport Ethics	3
SPM310	Sport Finance	3
SPM380	Sport Event Practicum	3
SPM400	Legal Aspects of Sport	3
SPM420	Event Management in Sport	3
SPM430	Facility Management in Sport	3
SPM440	Data Analytics in Sport	3
SPM450	Sports Ministry	3
SPM490	Leadership and Human Dynamics in Sport	3
SPM499	Professional Internship Experience	3
One of the following		*3*
	BUS320 Business Law (3)	
	MGT351 Human Resource Management (3)	
Total units required for core courses		*45*

Graduate Program

See School of Online:

- Master of Business Administration: Sport Management

Pearl C. Schaffer School of Education

Dr. Jordan Morton, Dean

DEPARTMENT OF EDUCATION

Dr. Jordan Morton, Chairperson

The mission of the Pearl C. Schaffer School of Education is to equip and empower effective educators, developing Christ-like professionals called to ensure life-changing learning for all students.

The School of Education offers three undergraduate degree programs, each designed to give students a well-rounded, interdisciplinary program of study. The BA in Liberal Studies/Elementary Education Emphasis is the degree pathway for students who desire to become elementary school teachers, combining subject matter content and introductory pedagogy. The BA in Liberal Studies/Special Education Emphasis is the degree pathway for students who desire to become special education teachers or work with children with disabilities, also combining subject matter content and introductory pedagogy. The BA in Liberal Studies/General Emphasis is a broader degree area, encompassing four key subject areas of the liberal arts and offering students flexibility in course choice.

The School of Education also offers two teaching credential programs, one for those who desire to teach elementary school (Multiple Subject) and one for those who desire to teach at the secondary level (Single Subject).

In addition, the School of Education partners with the School of Online Studies to offer a Master of Education in Teaching degree (M.Ed.), designed to enhance the skills of classroom teachers.

Program Policies

Grade Requirement

The University policies for minimum course grades apply. Note: TMU's Teaching Credential Program admissions requirements specify minimum course grades for certain courses and a minimum grade point average requirement. See the Admissions portion of the Teaching Credential Program section of this catalog.

Online Course Policy

For the purposes of this policy, a Traditional student is a TMU student who declares and is currently pursuing a Traditional curriculum as indicated on his/her academic record. The School of Education does not impose any major-specific limit on the number of online courses traditional (undergraduate) students may take in any given term or over the course of their degree program.

Transfer Policy

In such cases where a student in an undergraduate Liberal Studies major is exempt from a General Education course requirement (for example by IGETC certification), the student may need to complete an additional course in the applicable subject area to meet minimum unit requirements.

Unit Requirement

A total of 121 units are required for the B.A. degree. At least 40 of the 121 must be upper division.

Bachelor of Arts in Liberal Studies

Liberal Studies (General) Emphasis

Liberal Studies
The Liberal Studies major is designed to offer the student a broad, interdisciplinary program of study, the epitome of the liberal arts education.

Major units: 15-30 units are required in each of the following four subject areas (for a total of 84 semester units across the four areas, with at least 24 upper division units across the four areas):

a. English/Communication
b. Social Science
c. Mathematics/Science/Computer Science
d. Humanities/Fine Arts

A total of 121 units are required for the B.A. degree, of which at least 40 units of the 121 must be upper division.

All G.E. requirements apply per the catalog regarding Scripture Set, Worldview Set, and Skills Set. Courses used to fulfill G.E. requirements may count as major units in their respective subject area.

ED402 LS Senior Capstone is a required course and must be taken during the student's senior year. Additional elective units are required to reach the 121 unit minimum (minimum 40 upper division).

Liberal Studies Program Learning Outcomes

1. Demonstrate an advanced baccalaureate-level working knowledge in written communication, literature, and/or spoken communication skills.
2. Demonstrate an advanced baccalaureate-level working knowledge in at least two of the following subject areas within the science and mathematics disciplines: mathematics, biological sciences, physical sciences, kinesiology, and computer information systems.
3. Demonstrate an advanced baccalaureate-level working knowledge in at least three of the following subject areas within the social science disciplines: history, political studies, geography, business, social science, health, and physical education.
4. Demonstrate an advanced baccalaureate-level working knowledge in at least two of the following subject areas within the humanities and fine arts disciplines: music, art, theater, philosophy, and foreign language.
5. Identify and analyze the interrelationships existing between the various academic disciplines.

Liberal Studies Courses

English/Communication subject area[1] 15-30
Social Science subject area[2] 15-30
Mathematics/Science/Computer Science subject area[3] 15-30
Humanities/Fine Arts subject area[4] 15-30
Total units required for Subject Area courses *84**
**Must include at least 24 upper division units*

ED402 LS Senior Seminar** 3
Total units required for core courses *87*
***Taken senior year*

Major unit courses may be drawn from the following. (Note: list is subject to change/approval; students should seek advisor approval prior to registering for courses.)

[1] **English/Communication** may include:
- English (E prefix), such as literary surveys (e.g. American, English, World Literature), genres (e.g. poetry, drama), or authors (e.g. Shakespeare, Austen).
- Communication (C prefix), such as speech, writing, or other communication areas.
- Some major-specific courses also count (e.g. MGT330 Business Communications).

[2] **Social Science** may include:
- History (H prefix)
- Political studies (POL prefix)
- Some Kinesiology (KIN prefix)
- Psychology, Sociology, and/or Anthropology
- Business
- IBEX (unless used to fulfill G.E. Bible)

[3] **Mathematics/Science/Computer Science** may include:
- Mathematics (MA prefix)
- Science (LS, CH, GS, and PS prefixes)
- Computer Science (CS prefix)
- Some Kinesiology (KIN prefix)
- Health and Nutrition

[4] **Humanities/Fine Arts** may include:
- Music (MU prefix)
- Theater (TH prefix)
- Fine Arts
- World Languages (Modern or Ancient)
- Philosophy and/or Theology
- Classical Studies
- Bible (or IBEX courses used to fulfill G.E. Bible)

Elementary Education Emphasis

Elementary Education

Students interested in becoming elementary teachers should enroll in the Liberal Studies: Elementary Education emphasis. It has been developed to prepare students to teach the content expected of elementary teachers, to provide an introduction to foundational concepts in education, and to ensure students meet the Subject Matter Competency requirement for the California Multiple Subject Teaching Credential.

Elementary Education Program Learning Outcomes

1. Demonstrate an advanced baccalaureate-level working knowledge in written communication, literature, and/or spoken communication skills.
2. Demonstrate an advanced baccalaureate-level working knowledge in at least two of the following subject areas within the science and mathematics disciplines: mathematics, biological sciences, physical sciences, kinesiology, and computer information systems.
3. Demonstrate an advanced baccalaureate-level working knowledge in at least three of the following subject areas within the social science disciplines: history, political studies, geography, business, social science, health, and physical education.
4. Demonstrate an advanced baccalaureate-level working knowledge in at least two of the following subject areas within the humanities and fine arts disciplines: music, art, theater, philosophy, and foreign language.
5. Identify and analyze the interrelationships existing between the various academic disciplines.
6. Identify and design teaching techniques and strategies for the specific subject areas included in California K-8 school classrooms.
7. Demonstrate a strong working knowledge of the diverse dimensions of K-8 student characteristics.

Elementary Education Emphasis Courses

ED101	Introduction to Teaching & Learning◊	3
ED202	Curriculum Instruction & Learning Theory◊	3
English/Communication subject area		
E322	Children's Literature*◊◊	3
ESL351	Language Acquisition for Teachers	3
Humanities/Fine Arts subject area		
ART330	Integrating Discipline-Based Art into the Elementary Classroom	3
MU431	Music Components & Tech. for Elem. Teachers	3
P321	History and Philosophies of Education◊**	3
Mathematics/Science/Computer Science subject area		
ED410	Technology Uses in Education	3
KIN415	Elementary P.E. Components & Techniques	3
LS150	Essentials of Biology	3
MA201	Mathematical Systems for Elem. Teachers	3
PS261	Physical Science	3
One of the following		*3*
	PS242 Earth Science (3) *(preferred)*	
	GS150 Essentials of Geology (3)	
Social Science subject area		
ED301	Cultural & Linguistic Diversity in Teaching◊◊	3
H332	California: Past & Present	3
One of the following		*3*
	SS381 Cultural Geography (3) *(preferred)*	
	BMS346 Cultural Anthropology (3)	
ED402	LS Senior Capstone Seminar	3
Total units required		*51*

**Fulfills G.E. requirement for literature elective ONLY for Liberal Studies: Elementary Education and Liberal Studies: Special Education majors.*

***Fulfills G.E. requirement for P311 ONLY for Liberal Studies: Elementary Education and Liberal Studies: Special Education majors.*

◊Prerequisites for TMU's Teaching Credential Program, in lieu of ED400 Foundations of Education (all three courses—ED101, ED202, ED301—must be taken).

◊◊ Prerequisite for TMU's Multiple Subject Teaching Credential Program.

Special Education Emphasis

Special Education

Students interested in becoming special education teachers or working with children with disabilities should enroll in the Liberal Studies: Special Education emphasis. It has been developed to prepare students to teach the content expected of special education teachers at the elementary level, to provide an introduction to foundational concepts in education, and to ensure students meet the Subject Matter Competency requirement for the California Education Specialist Teaching Credential.

Special Education Program Learning Outcomes

1. Demonstrate an advanced baccalaureate-level working knowledge in written communication, literature, and/or spoken communication skills.
2. Demonstrate an advanced baccalaureate-level working knowledge in at least two of the following subject areas within the science and mathematics disciplines: mathematics, biological sciences, physical sciences, kinesiology, and computer information systems.
3. Demonstrate an advanced baccalaureate-level working knowledge in at least three of the following subject areas within the social science disciplines: history, political studies, geography, business, social science, health, and physical education.
4. Demonstrate an advanced baccalaureate-level working knowledge in at least two of the following subject areas within the humanities and fine arts disciplines: music, art, theater, philosophy, and foreign language.
5. Identify and analyze the interrelationships existing between the various academic disciplines.
6. Identify and design teaching techniques and strategies for the specific subject areas included in California classrooms, with specific focus on students with disabilities.
7. Demonstrate a strong working knowledge of the diverse dimensions of student characteristics, with specific focus on students with disabilities.
8. Demonstrate a strong working knowledge of legislation and issues related to special education.

Special Education Emphasis Courses

ED101	Introduction to Teaching & Learning◊	3
ED202	Curriculum Instruction & Learning Theory◊	3
ED211	Introduction to Special Education	3
English/Communication subject area		
E322	Children's Literature*◊◊	3
ESL351	Language Acquisition for Teachers	3
ED312	Language Development Disorders	3
Humanities/Fine Arts subject area		
ART330	Integrating Discipline-Based Art into the Elementary Classroom	3
MU431	Music Components & Tech. for Elem. Teachers	3
P321	History and Philosophies of Education◊**	3
Mathematics/Science/Computer Science subject area		
ED441	Assistive Technology	3
KIN313	Adapted Physical Education	3
LS150	Essentials of Biology	3
MA201	Mathematical Systems for Elem. Teachers	3
PS261	Physical Science	3
One of the following		*3*
	PS242 Earth Science (3) (*preferred*)	
	GS150 Essentials of Geology (3)	
Social Science subject area		
ED301	Cultural & Linguistic Diversity in Teach◊◊	3
H332	California: Past & Present	3
One of the following		*3*
	SS381 Cultural Geography (3)	
	BMS346 Cultural Anthropology (3)	
ED402	LS Senior Capstone Seminar	3
Total units required		*57*

**Fulfills G.E. requirement for literature elective ONLY for Liberal Studies: Elementary Education and Liberal Studies: Special Education majors.*

***Fulfills G.E. requirement for P311 ONLY for Liberal Studies: Elementary Education and Liberal Studies: Special Education majors.*

◊Prerequisites for TMU's Teaching Credential Program, in lieu of ED400 Foundations of Education (all three courses—ED101, ED202, ED301—must be taken).

◊◊ Prerequisite for TMU's Multiple Subject Teaching Credential Program.

Minor

Minor in Education

The School of Education offers a minor open to students in other majors.

Minor in Education Courses

ED101 Introduction to Teaching & Learning.....3
ED202 Curriculum Instruction & Learning Theory.....3
ED301 Cultural & Linguistic Diversity in Teaching.....3
P321 History and Philosophies of Education.....3
Two of the following.....6
ED410 Technology Uses in Education (3)
ESL351 Language Acquisition for Teachers* (3)
ED332 Exploring Disabilities & Special Needs Through Literature (3)
Total units required for minor.....18
**Another ESL course may be substituted.*

Graduate Program

See School of Online: Master of Education

Teaching Credential Programs

The purpose of The Master's University Teaching Credential Programs is to equip and empower effective educators, developing Christ-like, professional practitioners who are called to ensure life-changing learning for all students.

TMU has two California-approved teacher preparation programs, one leading to the Preliminary Multiple Subject Teaching Credential (elementary level) and one leading to the Preliminary Single Subject Teaching Credential (secondary level). In California, a person desiring to teach needs two areas of preparation. The first area is subject matter preparation. This involves obtaining a Bachelor of Arts or Bachelor of Science degree from a regionally accredited institution, meeting specific prerequisite education requirements, and meeting subject matter competency by major, coursework, or test. The second area is professional preparation. In order to receive a credential, students must complete a credential program that is approved by the California Commission on Teacher Credentialing (CTC). This professional preparation program consists of courses that are designed to help teachers teach subject(s) authorized by the credential and to teach students with special needs and English learners in the regular classroom setting.

Each program is a two-semester program (Fall start) and includes structured fieldwork and student teaching.

Admission

Admission Requirements

The following is required for a student to be considered for admission to the TMU Teaching Credential Program:

1. Bachelor's degree from regionally accredited college or university. Minimum 3.00 GPA. Students with a lower GPA may petition for admission consideration.
2. Prerequisite coursework (or its equivalent as determined by the dean of the School of Education):
   - POL220 U.S. Government or other U.S. Constitution course/exam (C- or above)
   - ED400 Foundations of Education (B- or above) – waived if student has completed ED101, ED202, **AND** ED301 (B- or above in each)
   - P321 History and Philosophies of Education (B- or above)
   - ED202 Curriculum Instruction & Learning Theory **OR** ED301 Cultural & Linguistic Diversity in Teaching (Single Subject only, B- or above)
   - E322 Children's Literature (Multiple Subject only, C- or above)
3. Fulfillment of basic skills requirement by one of the pathways approved by the Commission on Teacher Credentialing
4. Fulfillment of subject matter competency by one of the pathways approved by the Commission on Teacher Credentialing
5. Evidence of clear Christian testimony and agreement with TMU doctrinal statement
6. Evidence of excellent interpersonal and social skills, including dispositions for teaching
7. Clear fingerprinting/background check and tuberculosis screening
8. Teaching or other leadership experience working with K-12 students
9. Satisfactory admissions panel interview

Applying for Admission

All students must apply for admission to the Teaching Credential Program even if they are a continuing student at TMU. Applications are only submitted through a TaskStream account. There is a $35 application fee in addition to the fee for a TaskStream subscription. The application deadline for the 2026-2027 program is **Friday, February 20, 2026.**

A completed application must consist of the following:

1. Completed application form on TaskStream
2. Three essays (see TaskStream for details)
3. Three satisfactory recommendations: one academic, one from a teaching supervisor, and one from a pastor or Student Life leader (see TaskStream for instructions on how to obtain/submit recommendations)
4. Official transcript showing:
   - Posted bachelor's degree (degree may be in progress at time of application, but must be posted before July 1 prior to program start)
   - Completed prerequisite courses (courses may be in progress, but must be completed before July 1 prior to program start)
5. Verification of fulfillment of basic skills requirement (see #3 under ADMISSION REQUIREMENTS above.)

6. Verification of subject matter competency (see #4 under ADMISSIONS REQUIREMENTS above.)
7. Commission on Teacher Credentialing Certificate of Clearance (includes fingerprinting/background check)
8. Negative tuberculosis test report

A complete application must be submitted by the application deadline in order for candidates to be eligible for an interview with a Teaching Credential Program Admissions Panel.

Program Policy

Credential Eligibility

To be formally recommended for a California Preliminary Teaching Credential by The Master's University, candidates must:

1. Pass Instructional Cycles 1 and 2 of the Teaching Performance Assessment (CalTPA)
2. Complete all TMU **credential program** courses with grade of B- or better
3. Successfully complete (pass) **student teaching** (grade of "CR" in ED581 and ED582, or ED591 and ED592)
4. Become certified in infant, child, and adult **CPR**
5. Ensure TMU has received:
   - **All evaluation forms** from all master teachers and university supervisors
   - **Official transcripts** from all colleges/universities attended
6. Fulfill **all financial obligations** to the University before applying for the credential (zero account balance)
7. Complete **Individual Development Plan**, including exit interview
8. Submit a "**Request for Recommendation**" (correctly filled out by candidate)

All candidates who complete their teacher preparation in California must be formally recommended to the California Commission on Teacher Credentialing for the credential by the college or university where the program was completed. At TMU, the credential analyst is responsible for all credential recommendations to the Commission. The credential analyst, or any designated individual recommending candidates for a credential, will always be a current employee of TMU.

California has a two-tier credential structure. A five-year preliminary credential is the first credential issued, and then candidates must obtain a clear credential through an approved Induction program.

Placements

Clinical Practice Placements

Concurrently with coursework, candidates in the credential programs must satisfactorily complete clinical practice (sometimes called Fieldwork and Student Teaching) in an assigned classroom. Since certain state requirements must be met, all placements must be arranged by TMU. Official contacts for placements are made by the Credential Analyst.

Fall Semester Placements

Multiple subject candidates have one 7-week placement in a primary grade classroom (usually K-2) and one 7-week placement in an upper grade classroom (usually 4-6). Required placement hours are Monday – Thursday, 8 a.m. – noon.
Single subject candidates have one 7-week placement in a junior high and one 7-week placement in a high school. Placement hours vary by school site; the candidate is responsible for coordinating a schedule the equivalent of three periods, four days per week. The goal is to "adopt" three classes and follow their schedule, rather than have a random schedule that is more "hit and miss."

Spring Semester Placements

The goal is to return candidates to the same master teachers as the Fall semester for full-day, Monday-Friday placements. Multiple subject candidates have one 8-week placement in a primary grade (usually K-2) and one 8-week placement in an upper grade (usually 4-6). Single subject candidates have one 8-week placement in a junior high school and one 8-week placement in a high school.

Transfer Policy

Transfer Credit

Acceptance of transfer coursework for the credential programs is determined on a case-by-case basis. Coursework taken more than five years prior to admission may not be accepted. The candidate may also need to retake courses if methods have changed significantly, or if there has been a lapse of time out of the profession. This determination is made at the sole discretion of the TMU Teaching Credential Program. Candidates should provide official transcripts and course descriptions for transfer credit evaluation as part of the admissions process.

NOTICE: It is important to check with the credential analyst for updates regarding any modifications and/or additions to the stated list of courses and requirements. Periodically, the State of California mandates changes in program structure and content, which the University is required to implement.

Preliminary Multiple Subject Teaching Credential

Multiple Subject Teaching Credential Program Learning Outcomes

1. Candidates will demonstrate the knowledge, skills, and dispositions needed for:
   a. Engaging and supporting all students in learning (TPE1).
   b. Creating and maintaining effective environments for student learning (TPE2).
   c. Understanding and organizing subject matter for student learning (TPE3).
   d. Planning instruction and designing learning experiences for all students (TPE4).
   e. Assessing student learning (TPE5).
   f. Developing as a professional educator (TPE6).
   g. Providing effective literacy instruction for all students (TPE7).

Multiple Subject Teaching Credential Courses

Prerequisites

POL220 U.S. Government (C- or better) 3
E322 Children's Literature (C- or better) 3
ED400 Foundations of Education 3
Or ED101, ED202, AND ED301 (B- or better)
P321 History and Philosophies of Ed. (B- or better) 3

Credential courses must be taken concurrently in each semester:

Fall Semester (Fieldwork)

ED500 Practicum 3
ED510 Teaching Reading/Language Arts in Elementary School 3
ED530A Teaching Strategies for Elementary Mathematics 2
ED530B Teaching Strategies for Elementary Social Studies, Visual & Performing Arts, Physical Education & Science 3
ED550 Teaching Strategies/English Learners 2
ED560 Differentiation for Exceptional Learners 3

Spring Semester (Student Teaching) *

ED571 Colloquium I 1
ED581 Elementary Student Teaching I 6
ED573 Colloquium II 1
ED582 Elementary Student Teaching II 6

**Advancement to the Spring Semester (Student Teaching) requires formal application, CPR certification, B- or better in all Fieldwork Semester courses, and recommendation of faculty.*

Preliminary Single Subject Teaching Credential

Single Subject Teaching Credential Program Learning Outcomes

1. Candidates will demonstrate the knowledge, skills, and dispositions needed for:
   a. Engaging and supporting all students in learning (TPE1).
   b. Creating and maintaining effective environments for student learning (TPE2).
   c. Understanding and organizing subject matter for student learning (TPE3).
   d. Planning instruction and designing learning experiences for all students (TPE4).
   e. Assessing student learning (TPE5).
   f. Developing as a professional educator (TPE6).
   g. Providing effective literacy instruction for all students (TPE7).

Single Subject Teaching Credential Courses

Prerequisites

POL220 U.S. Government (C- or better) 3
One of the following (B- or better) *3*
ED202 Curriculum Instruction & Learning Theory (3)
ED301 Cultural & Linguistic Diversity in Teaching (3)
One of the following (B- or better) *3*
ED400 Foundations of Education (3), *Or*
ED101, ED202, AND ED301 (9)
P321 History and Philosophies of Ed. (B- or better) 3

Credential courses must be taken concurrently in each semester:

Fall Semester (Fieldwork)

ED500 Practicum 3
ED520 Teaching Reading in the Secondary School 3
ED540A-H Discipline Specific Teaching Strategies in the Secondary School 5
ED550 Teaching Strategies/English Learners 2
ED560 Differentiation for Exceptional Learners 3

Spring Semester (Student Teaching) *

ED571 Colloquium I 1
ED591 Secondary Student Teaching I 6
ED573 Colloquium II 1
ED592 Secondary Student Teaching II 6

**Advancement to the Spring Semester (Student Teaching) requires formal application, CPR certification, B- or better in all Fieldwork Semester courses, and recommendation of faculty.*

John P. Stead School of Humanities

Dr. Gregg Frazer, Dean

DEPARTMENT OF ARTS AND LETTERS

Prof. Esther Chua, Chairperson

Mission

The Department of Arts and Letters at The Master's University gives a broader designation, encompassing the three degrees within the department: Classical Liberal Arts, English, and Interdisciplinary Studies, as well as its summer intensive study abroad program situated in Florence, Italy. The degrees and programs under this department have a shared mission, in which students are taught to:

- "Pursue the studia humanitatis ("study of the human things") through a fully articulated theological framework," as applied in the practice of socratic pedagogy in Classical Liberal Arts, through the intertwining of various course of studies in Interdisciplinary Studies, and through the engagement with various ideologies in literature and the arts.
- "Extend the range of students' intellectual, moral, and spiritual vision" as they explore works and courses of study from various points of view and "to be to be equipped to recognize truth expressed in multiple sources, discerning it from partial truth and error, testing all by the biblical standard."
- "Engage in personal, spiritual, and professional growth with the understanding that there exists no dichotomy between the secular and the sacred, as "all things" can be done "for the glory of God" (1 Cor. 10:31).

Program Policies

Online Course Policy

For the purposes of this policy, a Traditional student is a TMU student who declares and is currently pursuing a Traditional curriculum as indicated on his/her academic record. Traditional students may not count any TMU Online units toward major requirements. There is no crossover between traditional and online programs in the John P. Stead School of Humanities. The Dean of the John P. Stead School of Humanities reserves the right to grant special exceptions, however, particularly for extenuating circumstances related to graduating seniors.

Transfer Policies

Credit by Examination

Students may receive credit by examination as follows:

Advanced Placement (AP)

- Credit for E110 English Composition (3 units) for a score of 3+ on the *Language and Composition* exam or the *Literature and Composition* exam.
- Credit for E120 Introduction to Literature (3 units) for a score of 3+ on the *Literature and Composition* exam (but not *Language and Composition*); counts as literature elective.

College Level Examination Program (CLEP)

- Credit for E110 English Composition (3 units) for a score of 55+ on the *College Composition* exam.
- Credit for E120 Introduction to Literature (3 units) for a score of 55+ on the *Analyzing and Interpreting Literature* exam; counts as literature elective.
- Three units of credit for E211 English Literature I or E212 English Literature II for a score of 55+ on the *English Literature* exam; fulfills the G.E. Literature Survey requirement.
- Three units of credit for E231 American Literature I or E232 American Literature II for a score of 55+ on the *American Literature* exam; fulfills the G.E. Literature Survey requirement.

Program Opportunities

California Single Subject Teaching Credential in English

For information about obtaining a California Preliminary Single Subject Teaching Credential in English, see the Teaching Credential Programs section in this catalog. For questions or more information, contact the Credential Analyst in the School of Education.

Careers for the English Major

The English major is not a career-specific major, such as accounting. Instead, alert and competent graduates with an English major have acquired a habit of thought and a range of skills that open opportunities for careers in a diversity of fields: teaching, missions, journalism, publishing, insurance, law, paralegal work, banking, personnel management, public relations, and government service. With additional specific training, graduates in English can enter these and other occupations, careers, and vocations.

The Master's University in Italy Program

Led by Dr. Grant Horner, Dr. Bob Dickson and Prof. Esther Chua, TMU Italy is a study-abroad program based in incomparably beautiful Italy. Students, upon acceptance to the program, will spend six weeks in the summer to earn 9 undergraduate credits in a variety of courses while deeply immersed in Italian culture. The entire program will be based on exploring the question "quid est homo?" ("what is Man?") asked by the Italian Renaissance Christian Humanist scholars, and the related biblical question "what is man that Thou art mindful of him?" (Psalm 8). This program is open to all majors. For additional information, visit the website: www.masters.edu/italy.

Bachelor of Arts in English

Prof. Esther Chua

The Bachelor of Arts in English regards the study of language and literature as central to a Christian liberal arts education. It merits this centrality, in part, because of the very nature of the Christian faith: God chose to reveal His dealings with humans in a historical and literary way—the Word of God, which employs literary forms and rhetorical strategies to engage its audience. It also merits a central position because literature and the arts contain traces of God's truth (e.g. truthfulness to the human experience), occupies a place in human culture receiving God's blessing, and often fulfills the qualifications of Philippians 4:8. This course of study affirms that the noblest reasons for acquiring literacy are to read the Scriptures with understanding and sympathy; to articulate the truth of God clearly, attractively, and convincingly; and to be equipped to recognize truth expressed in many sources, discerning it from partial truth and error, testing all by the biblical standard.

Through the study of poetry, drama, fiction, essays, and critical theory, students in the English major can

- Begin to understand how God has unfolded history, as they explore literature that both illuminates the past and becomes itself part of the historical record.
- Acquire critical reading and thinking skills that enable them to develop biblically based discernment.
- Extend the range of their intellectual, moral, and spiritual vision as they explore works that deal with the great issues of life, death, purpose, and destiny.
- Grow as persons as they participate in the vicarious experience of literature and see life from a variety of viewpoints.
- Develop their abilities to write clearly, attractively, and perceptively and learn to converse in the marketplace of ideas.
- Prepare for advanced studies in English.

The Bachelor of Arts in English offers a primarily traditional curriculum. The philosophy and practice of the faculty is to emphasize works of recognized and enduring merit in the canon of English, American, and World literature. At the same time, they remain receptive to the inclusion of new or neglected works that are compatible with the department's philosophy. Several courses examine critical theory, and faculty members employ a variety of methodologies in literary analysis, while favoring a historical and exegetical approach. Students may choose to obtain a major or a minor in English or work toward qualifying for the California Single Subject Teaching Credential in English (additional requirements).

English (General) Emphasis

English

The Bachelor of Arts in English offers a primarily traditional curriculum which emphasizes works of recognized and enduring merit in the canon of English, American and World literature. Students learn useful skills in clear written and oral communication and build discernment and information literacy in the areas of culture, history, the arts, literature within a biblical framework.

English Program Learning Outcomes

1. Demonstrate knowledge of a variety of genres, historical periods, styles, and modes.
2. Write clear, effective, researched, and imaginative projects and articulate them within appropriate conceptual and methodological frameworks.
3. Demonstrate an understanding of the historical development of the English language from Old English to the present.
4. Demonstrate a working knowledge of the content and historical context of British and American literary works, as well as selected authors and works from world literature.
5. Demonstrate a working knowledge of various theoretical approaches that inform the interpretation of literature and culture.

English Courses

E211 English Literature I 3
E212 English Literature II 3
E231 American Literature I 3
E232 American Literature II 3
E364 History of the English Language 3
E435 Literary Criticism & Critical Theory 3
E436 Contemporary Critical Theory 3
E491A Senior Thesis 2
E491B Senior Capstone Portfolio 1
One of the following *3*
- E221 World Literature I (3)
- E222 World Literature II (3)

Two of the following *6*
- E313 Age of Romanticism (3)
- E314 Victorian Age (3)
- E315 Neoclassicism (3)
- E416 Modern British Writers (3)
- E425 Twentieth Century American Literature* (3)

One of the following *3*
- E330 Advanced Composition (3)
- E353 Modern English Grammar (3)

One of the following *3*
- E334 The Short Story (3)
- E335 The English Novel (3)
- E336 Poetry & Poetics (3)
- E499M Epic Tradition (3)

One lower division English elective 3
Three upper division English electives** 9
Total units required for the major *51*

**English majors taking E425 may waive E232 and select an additional elective.*
***Six of these nine units may be from the following writing courses offered in the Department of Communication: C351, C362, C441, or C471.*

English Education Emphasis

English Education

This emphasis is offered to students interested in entering the Teaching Credential Program at TMU. The 9 additional units are pre-requisite courses offered by the School of Education for entrance and admission to their program. For an emphasis in English Education, the following courses are required.

English Education Program Learning Outcomes

1. Demonstrate knowledge of a variety of genres, historical periods, styles, and modes.
2. Write clear, effective, researched, and imaginative projects and articulate them within appropriate conceptual and methodological frameworks.
3. Demonstrate an understanding of the historical development of the English language from Old English to the present.
4. Demonstrate a working knowledge of the content and historical context of British and American literary works, as well as selected authors and works from world literature.
5. Demonstrate a working knowledge of various theoretical approaches that inform the interpretation of literature and culture.

English Core Courses

E211 English Literature I 3
E212 English Literature II 3
E231 American Literature I 3
E232 American Literature II 3
E364 History of the English Language 3
E435 Literary Criticism & Critical Theory 3
E436 Contemporary Critical Theory 3
E491A Senior Thesis 2
E491B Senior Capstone Portfolio 1
One of the following *3*
- E221 World Literature I (3)
- E222 World Literature II (3)

Two of the following *6*
- E313 Age of Romanticism (3)
- E314 Victorian Age (3)
- E315 Neoclassicism (3)
- E416 Modern British Writers (3)
- E425 Twentieth Century American Literature* (3)

One of the following *3*
- *E330 Advanced Composition (3)*
- E353 Modern English Grammar (3)

One of the following *3*
- *E334 The Short Story (3)*
- E335 The English Novel (3)
- E336 Poetry & Poetics (3)
- E499M Epic Tradition (3)

One lower division English elective 3
Three upper division English electives** 9
Total units required for the major *51*

**English majors taking E425 may waive E232 and select an additional elective.*
***Six of these nine units may be from the following writing courses offered in the Department of Communication: C351, C362, C441, or C471.*

English Education Emphasis Courses

English core courses 51
One of the following *3*
- ED202 Curriculum Instruction & Learning Theory (3)*
- ED301 Cultural & Linguistic Diversity in Teaching (3)*

ED400 Foundations of Education*+ 3
P321 History and Philosophies of Education*◊ 3
Total units required for emphasis *60*

**Prerequisite for TMU's Multiple Subject Teaching Credential Program.; must pass with B- or better.*
+May be substituted with ED101, ED202, and ED301.
◊Fulfills G.E. requirement for P311.

Minor

Minor in English

A minor in English is offered to students not majoring in English, but who wish to pursue their interest in the English language and in imaginative literature. For a minor in English, the following courses are required:

Minor in English Courses

One of the following *3*
- E120 Introduction to Literature (3)
- E200 Great Works of Literature (3)

Four of the following *12*
- E211, 212 English Literature, I, II (3, 3)
- E221, 222 World Literature I, II (3, 3)
- E231, 232 American Literature I, II (3, 3)

Three upper division English electives 9
Total units required for minor 24

Bachelor of Arts in Classical Liberal Arts

Dr. Grant Horner, Coordinator

The Bachelor of Arts in Classical Liberal Arts is the first undergraduate program of its kind in the United States. It is designed specifically to train students in both the content and pedagogy of the classical liberal arts in order to prepare them for teaching positions in the rapidly growing Classical Christian Education movement, and/or to pursue graduate work in the Humanities. Students are trained in the content of the Western Classical heritage (history, literature, art, philosophy, and theology) beginning with Greece and Rome, the Middle Ages, the Renaissance, and the Enlightenment, and continuing to the present day. This is augmented with intensive and continual training in Socratic pedagogy: the art of leading rich and invigorating discussions as opposed to lecturing on an academic topic. Students study the classical languages and master the classical arts of Grammar, Logic, and Rhetoric while pursuing the *studia humanitatis* ("study of the human things") through a fully articulated theological framework in a manner similar to Medieval and Renaissance universities, the Geneva Academy started by John Calvin in 1559, and the church schools envisioned by Martin Luther.

Classical Liberal Arts Program Learning Outcomes

1. Demonstrate a strong working knowledge of the development of political and cultural history of the western world.
2. Demonstrate a strong working knowledge of the broad historical outline of the western tradition in literature and the arts.
3. Demonstrate a strong working knowledge of the development of philosophy and theology in western tradition.
4. Demonstrate a working knowledge of at least one classical language.
5. Demonstrate the ability to implement the primary teaching methodologies associated with historical classical liberal education (i.e. Socratic dialog).
6. Demonstrate a biblical worldview foundation and perspective in the approach to teaching classical liberal arts.

Classical Liberal Arts Courses

CLA201	Introduction to the Classical Liberal Arts	3
CLA301	Socratic Pedagogy I	3
CLA402	Socratic Pedagogy II	3
CLA308	Classical Christian Education Internship	3
CLA309	Colloquium in Classical Christian Education*	0
ART338	Art History of the Western World**◊	3
One of the following		*3*
	BCH347 Intertestamental Period (3)	
	BCH367 History of the Church (3)	
	BCH404/E404/H404 Studies in John Calvin (3)	
	BCH408 History & Theology of Puritanism (3)	
	BCH409/E409 Studies in Martin Luther (3)	
	BCH467 The Reformation Era, 1500-1648 (3)	
BCW/POL455	Christian Political Thought	3
E405	Shakespeare	3
E499M	The Epic Tradition	3
E___	Literature Elective	3
H315	Medieval Europe	3
H316	Renaissance Europe	3
H383	Ancient Roman History	3
H385	Ancient Greek History	3
Two of the following		*6-8*
	LAT399 Latin I (3)	
	LAT499 Latin II (3)	
	BL301 Elementary Greek I (4)	
	BL302 Elementary Greek II (4)	
General Electives		9
Total units required		*57-59*

**Must be taken every semester, starting in the sophomore year.*
***Offered during The Master's University Italy summer program.*
◊Fulfills G.E. requirement for MU190.

Bachelor of Arts in Interdisciplinary Studies

Prof. Esther Chua, Co-Chairperson
Dr. Michael Forgerson, Co-Chairperson

The Bachelor of Arts in Interdisciplinary Studies is a pragmatic recognition of Christ's Lordship over all – in Him all things hold together" (Col. 1:17) and Christ as the culmination of "all treasures of wisdom and knowledge" (Col. 2:3), as applied in academic studies. With the mentorship of academic advisors in the department, students are trained to develop expertise in multiple areas of concentration and resourcefully prepare the necessary skills and knowledge to pursue their unique interests and career aspirations. Students will demonstrate their interdisciplinary learning in a student-designed capstone project at the end of the program. An internship experience is also required. As with other degrees in this department, Interdisciplinary Studies emphasizes the importance of personal, spiritual, and professional growth through a vigorous course of study, with the understanding that there exists no dichotomy between the secular and the sacred, as "all things" can be done "for the glory of God" (1 Cor. 10:31).

Interdisciplinary studies

Major courses (54-66 units)

Block 1 & 2: choose 2 blocks (36-48 units): two blocks (*and an optional third)* to be selected by the student from the following list:

Accounting	English
Biblical Counseling	Entrepreneurship
Biblical Studies	Geosciences
Biblical Studies: Israel Studies	Global Studies (Business Focus)
Biology	Global Studies (Missions Focus)
Business: Finance	Global Studies (Study Abroad Focus)
Business: Management	History
Business: Marketing	Kinesiology
Cinema and Digital Arts	Mathematics
Classical Liberal Arts	Music
Communication	Political Studies
Creative & Professional Writing	Pre-Law
Criminal Justice	Secondary Education
Elementary Education	Special Education
Engineering/Computer Science	Sport Management

Block 3: Interdisciplinary Focus (18 units) will be developed by the student along with their advisor and department chair approval. It must include the Internship and Capstone course. The IDS electives can be chosen from the list of IDS courses listed in this catalog. The additional two electives should complement one of your other chosen blocks. Suggested electives are listed as "complementary course" below each block option.

Block 4: *optional* 3rd block
For students who desire to add an additional concentration of study to their program, an optional Block 4 may be chosen. If a Block 4 is chosen, the Course 1 and Course 2 electives from Block 3 will be deemed fulfilled.

Interdisciplinary Studies Courses

Block 1 (choose a block): _____

_____	Course 1 (upper division)	3
_____	Course 2 (upper division)	3
_____	Course 3 (upper division)	3
_____	Course 4 (upper division)	3
_____	Course 5	3
_____	Course 6	3
Total units required for concentration		*15-20*

Block 2 (choose a block): _____

_____	Course 1 (upper division)	3
_____	Course 2 (upper division)	3
_____	Course 3 (upper division)	3
_____	Course 4 (upper division)	3
_____	Course 5	3
_____	Course 6	3
Total units required for concentration		*15-20*

Block 3: Interdisciplinary Focus

IDS100	Intro to Interdisciplinary Studies	1
IDS300	Interdisciplinary Career Focus	1
IDS350	Internship	3
_____	IDS Elective	3
_____	IDS Elective	3
_____	Course 1 Elective (upper division)	3
_____	Course 2 Elective (upper division)	3
IDS450	Capstone	1
Total units required for concentration		*18*

Total units required for major *48-58*

Block 4 *optional* *(choose a block): _____

_____	Course 1 (upper division)	3
_____	Course 2 (upper division)	3
_____	Course 3 (upper division)	3
_____	Course 4 (upper division)	3
_____	Course 5	3
_____	Course 6	3
Total units required for concentration		*15-20*

**Fulfils "Course 1 elective" and "Course 2 elective" in Interdisciplinary Focus".*

The following blocks have been designed in conjunction with the various departments and include recommended and complementary courses. There is room for a student to work with their advisor and/or department chair to make adjustments to any of these blocks. The Complementary courses listed under each block are additional course recommended as block-related electives.

Interdisciplinary Studies Program Learning Outcomes
Upon completion of the degree program, students will be able to:

1. Identify, integrate, and synthesize the content knowledge, methods, and perspectives of their chosen concentrations.
2. Develop overarching critical thinking skills and concentration-specific skill sets.
3. Critically analyze, synthesize, and evaluate disciplinary and interdisciplinary perspectives and practices of their concentrations through a Biblical lens.

Courses that qualify as IDS electives:
IDS___ any course with an IDS prefix that is not already required, with the exception of IDS courses that are 1 unit taken for credit/no credit.
*ART330 Integrating Discipline-Based Art into the Elementary Classroom (3)
B429 Old Testament Issues
B439 New Testament Issues
BC340 Marriage & Family
BTH373 Historical Theological Issues (3)
C391 Intercultural Communication (3)
C484 Organizational Communication (3)
E453 Psychoanalytic Criticism (3)
E499 Seminar in Literature (3)
E499G Feminist Criticism and Gender Theory (3)
E499J Existentialism (3)
E499L Postmodernism (3)
LS372 Origins (3)
LS387G Logic (3)
MU396 World Music (3)
MU431 Music Components & Techniques for Elementary Teachers (3)
POL336 Political Communication (3)
POL354 The Christian & Politics (3)
POL455 Christian Political Thought (3)
SS381 Cultural Geography (3)

Accounting Concentration Block

Accounting
See B.S. Business Administration: Accounting for information on this area of study.

Interdisciplinary Studies Courses

Interdisciplinary Focus	18
Accounting Core Courses	18
_____ Block *(choose another block)*	15-20
Total units required for major	*51-56*

Interdisciplinary Focus

IDS100	Intro to Interdisciplinary Studies	1
IDS300	Interdisciplinary Career Focus	1
IDS350	Internship	3
_____	IDS Electives*	6
_____	Upper division electives	6
IDS450	Capstone	1
Total units required for concentration		*18*

**See IDS Electives list above.*

Accounting Core Courses

ACC210	Accounting Fundamentals I	3
ACC220	Accounting Fundamentals II	3
ACC302	Accounting for Non-Profits and Government	3
ACC311	Intermediate Accounting I	3
ACC312	Intermediate Accounting II	3
ACC431	Cost Accounting	3
Total units required for concentration		*18*

Complementary Accounting Courses

ACC329	Accounting IS Applications	3
ACC442	Auditing	3
ACC451	Advanced Accounting	3
ACC460	Tax Accounting	3

Biblical Counseling Concentration Block

Biblical Counseling

See B.A. Biblical Studies: Biblical Counseling for information on this area of study.

Interdisciplinary Studies Courses

Interdisciplinary Focus	18
Biblical Counseling Core Courses	18
_____ Block *(choose another block)*	15-20
Total units required for major	*51-56*

Interdisciplinary Focus

IDS100	Intro to Interdisciplinary Studies	1
IDS300	Interdisciplinary Career Focus	1
IDS350	Internship	3
_____	IDS Electives	6
_____	Upper division electives*	6
IDS450	Capstone	1
Total units required for concentration		*18*

**Approval Required.*

Biblical Counseling Core Courses

BE101	Introduction to Psychology	3
BC300	Introduction to Biblical Counseling	3
BC311	Theological Basis of Biblical Counseling	3
BC330	Methods of Biblical Counseling	3
BC340	Marriage & Family	3
BC421	Problems & Procedures	3
Total units required for concentration		*18*

Complementary Biblical Counseling Courses

B362	Principles of Personal Bible Study	3

Biblical Studies Concentration Block

Biblical Studies

See B.A. Biblical Studies for information on this area of study.

Interdisciplinary Studies Courses

Interdisciplinary Focus	18
Biblical Studies Core Courses	18
_____ Block *(choose another block)*	15-20
Total units required for major	*51-56*

Interdisciplinary Focus

IDS100	Intro to Interdisciplinary Studies	1
IDS300	Interdisciplinary Career Focus	1
IDS350	Internship	3
_____	IDS Electives	6
_____	Upper division electives*	6
IDS450	Capstone	1
Total units required for concentration		*18*

**Approval Required.*

Biblical Studies Core Courses

B342	Romans	3
B346	Life of Christ	3
B352	Hermeneutics	3
B364	History of Ancient Israel	3
BC300	Introduction to Biblical Counseling	3
BTH425	Theology of End Times	3
Total units required for concentration		*18*

Complementary Biblical Studies Courses

Book Study *or* Theology "BTH" Elective	3
Global Studies "BMS" Elective	3

Biblical Studies: Israel Studies concentration Block

Biblical Studies: Israel Studies

See B.A. Biblical Studies for information on this area of study.

Interdisciplinary Studies Courses

Interdisciplinary Focus 18
Biblical Studies: Israel Studies Core Courses 15
_____ Block *(choose another block)* 15-20
Total units required for major *48-53*

Interdisciplinary Focus

IDS100 Intro to Interdisciplinary Studies 1
IDS300 Interdisciplinary Career Focus 1
IDS350 Internship 3
_____ IDS Electives 6
_____ Upper division electives* 6
IDS450 Capstone 1
Total units required for concentration *18*
** Approval Required.*

Biblical Studies: Israel Studies Core Courses

IBEX300 The Land & the Bible* 6
IBEX320 Jewish Thought & Culture 3
IBEX377 The Life of Christ 3
_____ Old Testament Book Study 3
Total units required for concentration *15*
**If fulfilling a Bible GE, substitute with one of the courses below.*

Complementary Biblical Studies: Israel Studies Courses

TMU Turkey/Greece Trip 6
BCH399A Hist Backgrounds of Acts/Early Church (3)
BMS399A Religion and Culture of Turkey & Greece (3)
B357 New Testament Backgrounds 3
B364 History of Ancient Israel 3
B488 Old Testament Area Study 2
B498 New Testament Area Study 2

Biology Concentration Block

Biology

See B.A./B.S. Biological Sciences for information on this area of study.

Interdisciplinary Studies Courses

Interdisciplinary Focus 18
Biology Core Courses 19
_____ Block *(choose another block)* 15-20
Total units required for major *52-57*

Interdisciplinary Focus

IDS100 Intro to Interdisciplinary Studies 1
IDS300 Interdisciplinary Career Focus 1
IDS350 Internship 3
_____ IDS Electives 6
_____ Upper division electives* 6
IDS450 Capstone 1
Total units required for concentration *18*
** Approval Required.*

Biology Core Courses

LS151 Organismic Biology* 3, 1
LS252 Cell Biology* ..... 3 ,1
LS341 Ecology* 3, 1
LS362 Medical Microbiology* 3, 1
LS372 Origins 3
Total units required for concentration *19*
**With corresponding lab.*

Complementary Biology Courses

LS321 Human Anatomy* 3, 1
LS322 Human Physiology* 3, 1
LS342 Genetics and Genomics* 3, 1
LS361 Immunology* 3, 1
LS362 Medical Microbiology* 3, 1
LS375 Vertebrate Paleontology* 3, 1
LS381 Neurobiology* 3, 1
**With corresponding lab.*

Business: Finance Concentration Block

Business: Finance

See B.S. Business Administration: Finance for information on this area of study.

Interdisciplinary Studies Courses

Interdisciplinary Focus 18
Business: Finance Core Courses 18
_____ Block *(choose another block)* 15-20
Total units required for major *51-56*

Interdisciplinary Focus

IDS100 Intro to Interdisciplinary Studies 1
IDS300 Interdisciplinary Career Focus 1
IDS350 Internship 3
_____ IDS Electives 6
_____ Upper division electives* 6
IDS450 Capstone 1
Total units required for concentration *18*
** Approval Required.*

Business: Finance Core Courses

ACC210 Accounting Fundamentals I 3
ACC220 Accounting Fundamentals II 3
FIN321 Real Estate Principles 3
FIN332 Financial Services Management 3
FIN341 Investments 3
FIN440 Finance 3
Total units required for concentration *18*

Complementary Business: Finance Courses

ACC311 Intermediate Accounting I 3
ACC312 Intermediate Accounting II 3
ACC460 Tax Accounting 3
ACC462 Tax Accounting II 3
BUS368 Entrepreneurship 3
MGT330 Business Communications 3

Business: Management Concentration Block

Business: Management

See B.S. Business Administration: Management for information on this area of study.

Interdisciplinary Studies Courses

Interdisciplinary Focus 18
Business: Management Core Courses 18
_____ Block *(choose another block)* 15-20
Total units required for major *51-56*

Interdisciplinary Focus

IDS100 Intro to Interdisciplinary Studies 1
IDS300 Interdisciplinary Career Focus 1
IDS350 Internship 3
_____ IDS Electives 6
_____ Upper division electives* 6
IDS450 Capstone 1
Total units required for concentration *18*
** Approval Required.*

Business: Management Core Courses

MGT310 Management Theory 3
MGT330 Business Communications 3
MKT350 Marketing Fundamentals 3
Three of the following *9*
ACC210 Accounting Fundamentals I (3)
ACC220 Accounting Fundamentals II (3)
BUS320 Business Law (3)
BUS368 Entrepreneurship (3)
ECN210 Microeconomics (3)
INB311 Global Business Strategies (3)
MGT321 Decision Science Fundamentals (3)
MGT351 Human Resource Management (3)
Total units required for concentration *18*

Complementary Business: Management Courses

_____ Any course not taken above 3
FIN341 Investments 3
FIN440 Finance 3
MKT462 Sales & Customer Service 3

Business: Marketing Concentration Block

Business: Marketing

See B.S. Business Administration: Marketing for information on this area of study.

Interdisciplinary Studies Courses

Interdisciplinary Focus	18
Business: Marketing Core Courses	18
_____ Block *(choose another block)*	15-20
Total units required for major	*51-56*

Interdisciplinary Focus

IDS100	Intro to Interdisciplinary Studies	1
IDS300	Interdisciplinary Career Focus	1
IDS350	Internship	3
_____	IDS Electives	6
_____	Upper division electives*	6
IDS450	Capstone	1
Total units required for concentration		*18*

** Approval Required.*

Business: Marketing Core Courses

INB372	International Business Marketing	3
MKT350	Marketing Fundamentals	3
MKT361	Marketing Strategy	3
MKT381	Consumer Behavior	3
MKT462	Sales & Customer Service	3
MKT482	Marketing Research	3
Total units required for concentration		*18*

Complementary Business: Marketing Courses

BUS368	Entrepreneurship	3
C368	Fundamentals of Advertising	3
C381	Beginning Public Relations	3
MGT330	Business Communications	3
MKT488	Marketing Internship	3

Cinema and Digital Arts Concentration Block

Cinema and Digital Arts

See B.A. Communication for information on this area of study.

Interdisciplinary Studies Courses

Interdisciplinary Focus	18
Cinema and Digital Arts Core Courses	18
_____ Block *(choose another block)*	15-20
Total units required for major	*51-56*

Interdisciplinary Focus

IDS100	Intro to Interdisciplinary Studies	1
IDS300	Interdisciplinary Career Focus	1
IDS350	Internship	3
_____	IDS Electives	6
_____	Upper division electives*	6
IDS450	Capstone	1
Total units required for concentration		*18*

** Approval Required.*

Cinema and Digital Arts Core Courses

C122	Social Media & Communication	3
C311	Video Production I	3
C312	Video Production II	3
C331	Freelance Entrepreneurship/Digital Age	3
C373	Graphic Design I	3
C399	Advanced Film Production Workshop	3
Total units required for concentration		*18*

Complementary Cinema and Digital Arts Courses

C191	Pocket Studio	3
C132	Podcast Studio	3
C231	Digital Video Editing I	3
C232	Digital Video Editing II	3

Classical Liberal Arts Concentrations Block

Classical Liberal Arts

See B.A. Classical Liberal Arts for information on this area of study.

Interdisciplinary Studies Courses

Interdisciplinary Focus	18
Classical Liberal Arts Core Courses	18
_____ Block *(choose another block)*	15-20
Total units required for major	*51-56*

Interdisciplinary Focus

IDS100	Intro to Interdisciplinary Studies	1
IDS300	Interdisciplinary Career Focus	1
IDS350	Internship	3
_____	IDS Electives	6
_____	Upper division electives*	6
IDS450	Capstone	10
Total units required for concentration		*18*

** Approval Required.*

Classical Liberal Arts Core Courses

ART338	Art History of the Western World	3
B357	New Testament Backgrounds	3
CLA301	Socratic Pedagogy I	3
HU201	Introduction to Classical Liberal Arts	3
HU312	Disciplinary Connections	3
POL365	Western Political Philosophy I	3
Total units required for concentration		*18*

Complementary Classical Liberal Arts Courses

TMU in Italy courses *3-9*

ART338 Art History of the Western World (3)
C234 Travel Writing (3)
E211 English Literature I (3)
E479 Renaissance Cultural History (3)
P311 Essentials of Philosophy (3)

H316	Renaissance Europe	3
H383	Ancient Roman History	3
H385	Ancient Greek History	3
LAT399	Latin I	3

Communication Concentration Block

Communication

See B.A. Communication for information on this area of study.

Interdisciplinary Studies Courses

Interdisciplinary Focus	18
Communication Core Courses	18
_____ Block *(choose another block)*	15-20
Total units required for major	*51-56*

Interdisciplinary Focus

IDS100	Intro to Interdisciplinary Studies	1
IDS300	Interdisciplinary Career Focus	1
IDS350	Internship	3
_____	IDS Electives	6
_____	Upper division electives*	6
IDS450	Capstone	1
Total units required for concentration		*18*

** Approval Required.*

Communication Core Courses

C122	Social Media & Communication	3
C202	Film History	3
C220	News Media Literacy	3
C331	Freelance Entrepreneurship/Digital Age	3
C371	Interpersonal Communication	3
C472	Rhetorical Criticism	3
Total units required for concentration		*18*

Complementary Communication Courses

C132	Podcast Studio	3
C254	Memoir Writing	3
C261	Introduction to Journalism	3
C311	Video Production I	3
C351	Creative Writing	3
C381	Beginning Public Relations	3
C399	Advanced Film Production Workshop	3

Creative & Professional Writing Concentration Block

Creative & Professional Writing

See B.A. Communication: Creative Writing & Publishing for information on this area of study.

Interdisciplinary Studies Courses

Interdisciplinary Focus 18
Creative & Professional Writing Core Courses 18
_____ Block *(choose another block)* 15-20
Total units required for major *51-56*

Interdisciplinary Focus

IDS100 Intro to Interdisciplinary Studies 1
IDS300 Interdisciplinary Career Focus 1
IDS350 Internship 3
_____ IDS Electives 6
_____ Upper division electives* 6
IDS450 Capstone 1
Total units required for concentration *18*
** Approval Required.*

Creative & Professional Writing Core Courses

C254 Memoir Writing 3
C351 Creative Writing 3
C352 Editing I, Principles of Copyediting 3
E330 Advanced Composition 3
MGT330 Business Communications 3
Two of the following *6*
C254 Memoir Writing (3)
C321 Screenwriting I (3)
C368 Fundamentals of Advertising (3)
C372 Science Fiction Writing (3)
C378 Fantasy Fiction Writing (3)
C452 Editing II, Advanced Copyediting (3)
C485 Detective Fiction Writing (3)
Total units required for concentration *18*

Complementary Creative & Professional Writing Courses

_____ Any course not taken above 3
E____ Upper Division English Course 3

Criminal Justice Concentration Block

Criminal Justice

See B.A. Political Studies: Criminal Justice for information on this area of study.

Interdisciplinary Studies Courses

Interdisciplinary Focus 18
Criminal Justice Core Courses 18
_____ Block *(choose another block)* 15-20
Total units required for major *51-56*

Interdisciplinary Focus

IDS100 Intro to Interdisciplinary Studies 1
IDS300 Interdisciplinary Career Focus 1
IDS350 Internship 3
_____ IDS Electives 6
_____ Upper division electives* 6
IDS450 Capstone 1
Total units required for concentration *18*
** Approval Required.*

Criminal Justice Core Courses

POL425 Criminal Law 3
POL426 Judicial Process 3
POL364 Introduction to Criminal Justice 3
POL433 Criminal Procedure and Evidence 3
Criminal Justice electives or a Complimentary Course below 6
Total units required for concentration *18*

Complementary Criminal Justice Courses

POL326 Introduction to American Politics 3
POL343 U.S. Constitutional History 3
POL354 The Christian & Politics 3
POL365 Western Political Philosophy I 3
POL366 Western Political Philosophy II 3

Elementary Education Concentration Block

Elementary Education Concentration

See B.A. Liberal Studies: Elementary Education for information on this area of study.

Interdisciplinary Studies Courses

Interdisciplinary Focus	18
Elementary Education Core Courses	18
_____ Block *(choose another block)*	15-20
Total units required for major	*51-56*

Interdisciplinary Focus

IDS100	Intro to Interdisciplinary Studies	1
IDS300	Interdisciplinary Career Focus	1
IDS350	Internship	3
_____	IDS Electives	6
_____	Upper division electives*	6
IDS450	Capstone	1
Total units required for concentration		*18*

** Approval Required.*

Elementary Education Core Courses

ED101	Introduction to Teaching and Learning	3
ED202	Curriculum Instruction & Learning Theory	3
ED301	Cultural & Linguistic Diversity in Teaching	3
ED400	Foundations of Education	3
E322	Children's Literature	3
P321	History and Philosophies of Education	3
Total units required for concentration		*18*

Complementary Elementary Education Courses

ART330	Integrating Discipline-Based Art into the Elementary Classroom	3
ESL351	Language Acquisition for Teachers	3
H332	California: Past and Present	3
KIN415	Elementary P.E. Components & Techniques	3
MU431	Music Components & Techniques for Elementary Teachers	3
PS242	Earth Science	3
PS261	Physical Science	3

Engineering/Computer Science Concentration Block

Engineering/Computer Science

See B.S. Computer/Electrical/Mechanical Engineering, and B.S. Computer Science for information on this area of study.

Interdisciplinary Studies Courses

Interdisciplinary Focus	18
Engineering/Computer Science Core Courses	18
_____ Block *(choose another block)*	15-20
Total units required for major	*51-56*

Interdisciplinary Focus

IDS100	Intro to Interdisciplinary Studies	1
IDS300	Interdisciplinary Career Focus	1
IDS350	Internship	3
_____	IDS Electives	6
_____	Upper division electives*	6
IDS450	Capstone	1
Total units required for concentration		*18*

** Approval Required.*

Engineering/Computer Science Core Courses

CS121P	Introduction to Computer Programming	3
CS132S	Data Structures & Algorithms	3
CS202H	Computer Hardware	3
CS312N	Networking Principles & Architecture	3
CS321O	Operating Systems	3
CS342D	Database Management Systems	3
Total units required for concentration		*18*

Complementary Engineering/Computer Science Courses

CS301A	Computer Organization & Architecture	3
CS311C	Cloud Administration	3
CS321P	Programming Languages & Theory	3
CS322E	Software Engineering	3
CS321X	Linux	3
CS341W	Web Application Development	3
CS351S	Computer Security I	3
CS392M	Project Management & Enterprise Software	3

English Concentration Block

English

See B.A. English for information on this area of study.

Interdisciplinary Studies Courses

Interdisciplinary Focus	18
English Core Courses	18
_____ Block *(choose another block)*	15-20
Total units required for major	*51-56*

Interdisciplinary Focus

IDS100	Intro to Interdisciplinary Studies	1
IDS300	Interdisciplinary Career Focus	1
IDS350	Internship	3
_____	IDS Electives	6
_____	Upper division electives*	6
IDS450	Capstone	1
Total units required for concentration		*18*

** Approval Required.*

English Core Courses: (choose a focus)

Genre

E333	Drama as Literature	3
E334	The Short Story	3
E335	The English Novel	3
E336	Poetry and Poetics	3
E348	Genre Studies: Detective Fiction	3
E499M	The Epic Tradition	3
Total units required for concentration		*18*

Period

E313	Age of Romanticism	3
E314	Victorian Age	3
E415	Contemporary Literature	3
E416	Modern British Writers	3
E425	Twentieth Century American Writers	3
E499E	Classical Christian Humanism	3
Total units required for concentration		*18*

Linguistic

C498	Communication Theories	3
ESL303	Introduction to Linguistics	3
E330	Advanced Composition	3
E353	Modern English Grammar	3
E364	History of the English Language	3
E499H	Rhetoric of Technology	3
Total units required for concentration		*18*

Cultural Studies

E435	Literary Criticism & Critical Theory	3
E436	Contemporary Critical Theory	3
E453	Psychoanalytic Criticism	3
E499E	Classical Christian Humanism	3
E499G	Feminist Criticism and Gender Theory	3
One of the following		*3*
	E499L Postmodernism (3)	
	E499J Existentialism (3)	
Total units required for concentration		*18*

Entrepreneurship Block

Entrepreneurship

See B.A. Entrepreneurship for information on this area of study.

Interdisciplinary Studies Courses

Interdisciplinary Focus	18
Entrepreneurship Core Courses	18
_____ Block *(choose another block)*	15-20
Total units required for major	*51-56*

Interdisciplinary Focus

IDS100	Intro to Interdisciplinary Studies	1
IDS300	Interdisciplinary Career Focus	1
IDS350	Internship	3
_____	IDS Electives	6
_____	Upper division electives*	6
IDS450	Capstone	1
Total units required for concentration		*18*

** Approval Required.*

Entrepreneurship Core Courses

BUS320	Business Law	3
ENT200	Innovation and Entrepreneurship	3
ENT300	Entrepreneurial Finance	3
MGT411	Organizational Management	3
MGT425	Entrepreneurial Marketing	3
MGT461	Innovation Lab	3
Total units required for concentration		*18*

Geosciences Concentration Block

Geosciences

See B.S. Geoscience for information on this area of study.

Interdisciplinary Studies Courses

Interdisciplinary Focus 18
Geosciences Core Courses 19
_____ Block *(choose another block)* 15-20
Total units required for major *52-57*

Interdisciplinary Focus

IDS100 Intro to Interdisciplinary Studies 1
IDS300 Interdisciplinary Career Focus 1
IDS350 Internship 3
_____ IDS Electives 6
_____ Upper division electives* 6
IDS450 Capstone 1
Total units required for concentration *18*
** Approval Required.*

Geosciences Core Courses

GS150 Essentials of Geology* 3, 1
GS252 Historical Geology* 3, 1
LS372 Origins 3
GS351 GIS & Geomorphology* 3, 1
GS452 Environmental Geoscience* 3, 1
Total units required for concentration *19*
**With corresponding lab.*

Complementary Geosciences Courses

GS321 Minerology* 3, 1
GS332 Hydrogeology* 3, 1
GS472 Sedimentology and Stratigraphy* 3, 1
LS307 Biology of Dinosaurs 3
LS375 Vertebrate Paleontology* 3, 1
**With corresponding lab.*

Global Studies (Business Focus) Concentration Block

Global Studies (Business Focus)

See B.A. Biblical Studies for information on this area of study.

Interdisciplinary Studies Courses

Interdisciplinary Focus 18
Global Studies (Business Focus) Core Courses 18
_____ Block *(choose another block)* 15-20
Total units required for major *51-56*

Interdisciplinary Focus

IDS100 Intro to Interdisciplinary Studies 1
IDS300 Interdisciplinary Career Focus 1
IDS350 Internship 3
_____ IDS Electives 6
_____ Upper division electives* 6
IDS450 Capstone 1
Total units required for concentration *18*
** Approval Required.*

Global Studies (Business Focus) Core Courses

BMS346 Cultural Anthropology 3
INB311 Global Business Strategies 3
INB365 International Economics and Trade 3
INB372 International Business Marketing 3
Two of the following 6
BUS368 Entrepreneurship (3)
C391 Intercultural Communication (3)
INB488 International Business Experience (3)
MGT310 Management Theory (3)
MKT350 Marketing Fundamentals (3)
SS381 Cultural Geography (3)
Total units required for concentration *18*

Complementary Global Studies (Business Focus) Courses

_____ Any course not taken above 3
BMS301 Introduction to Missions 3

Global Studies (Missions Focus) Concentration Block

Global Studies (Missions Focus)

See B.A. Biblical Studies for information on this area of study.

Interdisciplinary Studies Courses

Interdisciplinary Focus 18
Global Studies (Missions Focus) Core Courses 18
_____ Block *(choose another block)* 15-20
Total units required for major *51-56*

Interdisciplinary Focus

IDS100 Intro to Interdisciplinary Studies 1
IDS300 Interdisciplinary Career Focus 1
IDS350 Internship 3
_____ IDS Electives 6
_____ Upper division electives* 6
IDS450 Capstone 1
Total units required for concentration *18*
** Approval Required.*

Global Studies (Missions Focus) Core Courses

BMS301 Introduction to Missions 3
BMS305 History & Theory of Missions 3
BMS344 Local Church & Missions 3
BMS346 Cultural Anthropology 3
BMS364 Gospel, Culture & Vocation 3
BMS403 Theological Issues in Globalization 3
Total units required for concentration *18*

Complementary Global Studies (Missions Focus) Courses

BMS312 Global Outreach* 3
BMS328 Foreign Language Acquisition 3
B_____ Bible Book Study 3
**With Missions Trip*

Global Studies (Study Abroad Focus) Concentration Block

Global Studies (Study Abroad Focus)

See B.A. Biblical Studies for information on this area of study.

Interdisciplinary Studies Courses

Interdisciplinary Focus 18
Global Studies (Study Abroad Focus) Core Courses 18
_____ Block *(choose another block)* 15-20
Total units required for major *51-56*

Interdisciplinary Focus

IDS100 Intro to Interdisciplinary Studies 1
IDS300 Interdisciplinary Career Focus 1
IDS350 Internship 3
_____ IDS Electives 6
_____ Upper division electives* 6
IDS450 Capstone 1
Total units required for concentration *18*
** Approval Required.*

Global Studies (Study Abroad Focus) Core Courses

IBEX__ IBEX Courses* 9-12
*TMU in Italy courses*** *3-9*
ART338 Art History of the Western World (3)
C234 Travel Writing (3)
E211 English Literature I (3)
E479 Renaissance Cultural History (3)
P311 Essentials of Philosophy (3)
TMU Turkey/Greece Trip 3-6
BCH399A Hist Backgrounds of Acts/Early Church (3)
BMS399A Religion and Culture of Turkey & Greece (3)
Innovation with Hebrew University Jerusalem 3-6
Total units required for concentration *18*
**Excludes IBEX300 if it fulfils a Bible G.E. requirement.*
***Excludes courses used to fulfil G.E. requirements.*

History Concentration Block

History

See B.A. History for information on this area of study.

Interdisciplinary Studies Courses

Interdisciplinary Focus	18
History Core Courses	15
_____ Block *(choose another block)*	15-20
Total units required for major	*48-53*

Interdisciplinary Focus

IDS100	Intro to Interdisciplinary Studies	1
IDS300	Interdisciplinary Career Focus	1
IDS350	Internship	3
_____	IDS Electives	6
_____	Upper division electives*	6
IDS450	Capstone	1
Total units required for concentration		*18*

** Approval Required.*

History Core Courses

H332	California: Past & Present	3
H334	20th Century World Wars, Crises, & Resets	3
H343	U.S. Constitutional History	3
H385	Ancient Greek History	3
SS381	Cultural Geography	3
Total units required for concentration		*15*

Complementary History Courses

H315	Medieval Europe	3
H316	Renaissance Europe	3
H326	Contemporary United States History	3
H383	Ancient Roman History	3

Kinesiology Concentration Block

Kinesiology

See B.S. Kinesiology for information on this area of study.

Interdisciplinary Studies Courses

Interdisciplinary Focus	18
Kinesiology Core Courses	20
_____ Block *(choose another block)*	15-20
Total units required for major	*53-58*

Interdisciplinary Focus

IDS100	Intro to Interdisciplinary Studies	1
IDS300	Interdisciplinary Career Focus	1
IDS350	Internship	3
_____	IDS Electives	6
_____	Upper division electives*	6
IDS450	Capstone	1
Total units required for concentration		*18*

**See IDS Electives list above.*

Kinesiology Core Courses

LS321	Human Anatomy*	3, 1
LS322	Human Physiology*	3, 1
KIN312	Movement Anatomy	3
KIN316	Physiology of Exercise	3
KIN353	Essentials of Nutrition	3
KIN436	Motor Learning	3
Total units required for concentration		*20*

**With corresponding lab.*

Complementary Kinesiology Courses

KIN100	Health and Wellness	3
KIN396	Exercise Program Design	3
KIN436	Motor Learning	3

Mathematics Concentration Block

Mathematics
See B.A. Mathematics for information on this area of study.

Interdisciplinary Studies Courses
Interdisciplinary Focus 18
Mathematics Core Courses 19
_____ Block *(choose another block)* 15-20
Total units required for major *52-57*

Interdisciplinary Focus
IDS100 Intro to Interdisciplinary Studies 1
IDS300 Interdisciplinary Career Focus 1
IDS350 Internship 3
_____ IDS Electives 6
_____ Upper division electives* 6
IDS450 Capstone 1
Total units required for concentration *18*
** Approval Required.*

Mathematics Core Courses
MA121 Calculus I 3
MA122 Calculus II 3
MA221 Calculus III 3
MA231 Linear Algebra 3
MA282 Ordinary Differential Equations 3
MA302 Introduction to Mathematical Proof 3
MA412 Integrated Review 1
Total units required for concentration *19*

Complementary Mathematics Courses
MA344 Modern Geometry 3
MA355 Number Theory & the History of Mathematics 3
MA365 Probability 3
MA366 Mathematical Statistics 3
MA383 Complex Analysis 3
MA425 Mathematical Modeling 3
MA453 Abstract Algebra I 3
MA463 Numerical Analysis 3
MA482 Topics in Mathematics 3
MA498 Tutorial Studies in Mathematics 1-3

Music Concentration Block

Music
See B.A./B.M. Music for information on this area of study.

Interdisciplinary Studies Courses
Interdisciplinary Focus 18
Music Core Courses 18
_____ Block *(choose another block)* 15-20
Total units required for major *51-56*

Interdisciplinary Focus
IDS100 Intro to Interdisciplinary Studies 1
IDS300 Interdisciplinary Career Focus 1
IDS350 Internship 3
_____ IDS Electives 6
_____ Upper division electives* 6
IDS450 Capstone 1
Total units required for concentration *18*
** Approval Required.*

Music Core Courses
MU121 Computer-Assisted Notation 1
MU131 Piano Foundations 1
MU141A Music Theory I 3
MU141B Aural Skills I 1
MU160/360 Individual Instruction 6
MU221 Digital Audio Workstation (DAW) Basics 1
MU333 Worship and Songs of the Church 3
*Additional Requirement** *2*
MU310 University Singers (.5)
MU310O University Orchestra (.5)
Total units required for concentration *18*
**Four semesters.*

Political Studies Concentration Block

Political Studies Concentration

See B.A. Political Studies for information on this area of study.

Interdisciplinary Studies Courses

Interdisciplinary Focus 18
Political Studies Core Courses 18
_____ Block *(choose another block)* 15-20
Total units required for major *51-56*

Interdisciplinary Focus

IDS100 Intro to Interdisciplinary Studies 1
IDS300 Interdisciplinary Career Focus 1
IDS350 Internship 3
_____ IDS Electives 6
_____ Upper division electives* 6
IDS450 Capstone 1
Total units required for concentration *18*
** Approval Required.*

Political Studies Core Courses

POL326 Introduction to American Politics 3
POL343 U.S. Constitutional History 3
POL354 The Christian and Politics 3
POL365 Western Political Philosophy I 3
POL466 The Federalist Papers 3
POL473 American Political Thought I 3
Total units required for concentration *18*

Complementary Political Studies Courses

POL336 Political Communication 3
POL366 Western Political Philosophy II 3
POL455 Christian Political Thought 3

Pre-Law Concentration Block

Pre-Law Concentration

See B.S. Business Administration: Pre-Law for information on this area of study.

Interdisciplinary Studies Courses

Interdisciplinary Focus 18
Pre-Law Core Courses 18
_____ Block *(choose another block)* 15-20
Total units required for major *51-56*

Interdisciplinary Focus

IDS100 Intro to Interdisciplinary Studies 1
IDS300 Interdisciplinary Career Focus 1
IDS350 Internship 3
_____ IDS Electives 6
_____ Upper division electives* 6
IDS450 Capstone 1
Total units required for concentration *18*
** Approval Required.*

Pre-Law Core Courses

Any 6 of the following *18*
BUS320 Business Law (3)
POL343 U.S. Constitutional History (3)
POL423 Law and Public Policy (3)
POL425 Criminal Law (3)
POL426 The Judicial Process (3)
POL433 Criminal Procedure and Evidence (3)
POL444 The Supreme Court & the Bill of Rights (3)
POL445 The Church as a Legal Institution (3)
POL466 The Federalist Papers (3)
Total units required for concentration *18*

Complementary Pre-Law Courses

_____ Any course not taken above 3

Secondary Education Concentration Block

Secondary Education Concentration

See B.A. Liberal Studies for information on this area of study.

Interdisciplinary Studies Courses

Interdisciplinary Focus	18
Secondary Education Core Courses	18
_____ Block *(choose another block)*	15-20
Total units required for major	*51-56*

Interdisciplinary Focus

IDS100	Intro to Interdisciplinary Studies	1
IDS300	Interdisciplinary Career Focus	1
IDS350	Internship	3
_____	IDS Electives	6
_____	Upper division electives*	6
IDS450	Capstone	1
Total units required for concentration		*18*

** Approval Required.*

Secondary Education Core Courses

ED101	Introduction to Teaching and Learning	3
ED301	Cultural & Linguistic Diversity in Teaching	3
ESL351	Language Acquisition for Teachers	3
P321	History and Philosophies of Education	3
ED400	Foundations of Education	3
ED410	Technology Uses in Education	3
Total units required for concentration		*18*

Complementary Secondary Education Courses

ART330	Integrating Discipline-Based Art into the Elementary Classroom	3
ED332	Expl Disab & Special Needs Through Lit	3
ESL351	Language Acquisition for Teachers	3
H332	California: Past and Present	3
KIN415	Elementary P.E. Components & Techniques	3
MU431	Music Components & Techniques for Elementary Teachers	3
PS242	Earth Science	3
PS261	Physical Science	3

Special Education Concentration Block

Special Education Concentration

See B.A. Liberal Studies: Special Education for information on this area of study.

Interdisciplinary Studies Courses

Interdisciplinary Focus	18
Special Education Core Courses	15
_____ Block *(choose another block)*	15-20
Total units required for major	*51-56*

Interdisciplinary Focus

IDS100	Intro to Interdisciplinary Studies	1
IDS300	Interdisciplinary Career Focus	1
IDS350	Internship	3
_____	IDS Electives	6
_____	Upper division electives*	6
IDS450	Capstone	1
Total units required for concentration		*18*

** Approval Required.*

Special Education Core Courses

ED101	Introduction to Teaching and Learning	3
ED202	Curriculum Instruction & Learning Theory	3
ED301	Cultural & Linguistic Diversity in Teaching	3
P321	History and Philosophies of Education	3
ED332	Expl Disab & Special Needs Through Lit	3
Total units required for concentration		*15*

Complementary Special Education Courses

ART330	Integrating Discipline-Based Art into the Elementary Classroom	3
ESL351	Language Acquisition for Teachers	3
H332	California: Past and Present	3
KIN415	Elementary P.E. Components & Techniques	3
MU431	Music Components & Techniques for Elementary Teachers	3
PS242	Earth Science	3
PS261	Physical Science	3

Sport Management Concentration Block

Sport Management Concentration

See B.A. Business Administration: Sport Management for information on this area of study.

Interdisciplinary Studies Courses

Interdisciplinary Focus 18
Sport Management Core Courses 18
_____ Block *(choose another block)* 15-20
Total units required for major *51-56*

Interdisciplinary Focus

IDS100 Intro to Interdisciplinary Studies 1
IDS300 Interdisciplinary Career Focus 1
IDS350 Internship 3
_____ IDS Electives 6
_____ Upper division electives* 6
IDS450 Capstone 1
Total units required for concentration *18*
** Approval Required.*

Sport Management Core Courses

SPM200 Introduction to Sport Management 3
SPM210 History, Sociology, and Psychology of Sport 3
SPM420 Event Management in Sport 3
SPM450 Sports Ministry 3
Additional Requirement *6*
MKT372 Marketing in Sport (3)
SPM310 Sport Finance (3)
SPM400 Legal Aspects of Sport (3)
SPM440 Data Analytics in Sport (3)
SPM490 Leadership & Human Dynamics in Sport (3)
Total units required for concentration *18*

Complementary Sport Management Courses

_____ Any course not taken above 3

DEPARTMENT OF HISTORY AND POLITICAL STUDIES

Dr. Clyde P. Greer, Jr., Chairperson

The Department of History & Political Studies is designed to help all students develop an understanding of the complex factors that have produced the civilizations of the present and also aid students in becoming responsible Christian citizens. Especially because of our emphasis on systematic research and analysis, the history and political studies majors receive instruction in preparing for careers in law, education, business, government service, public relations, or library work, as well as graduate study in law, theology, history, or political science.

The department acknowledges that God is sovereign in human affairs of the past, present, and future. With that foundational truth, students are aided in developing Christian philosophies of history and politics as parts of an overarching biblical worldview. Every course should help students integrate Christian faith and the academic fields. The department offers four Bachelor of Arts degrees. Students desiring a major in political studies may choose from three available emphases: American Politics, Constitutional Law, Criminal Justice, or Political Theory. Although a capable person can get into law school with almost any major, the Constitutional Law emphasis provides excellent preparation for law school.

Program Policy

Online Course Policy

For the purposes of this policy, a Traditional student is a TMU student who declares and is currently pursuing a Traditional curriculum as indicated on his/her academic record. Traditional students may not count any TMU Online units toward major requirements. There is no crossover between traditional and online programs in the John P. Stead School of Humanities. The Dean of the John P. Stead School of Humanities reserves the right to grant special exceptions, however, particularly for extenuating circumstances related to graduating seniors.

Transfer Policy

Credit by Examination

The Department of History & Political Studies will grant credit-by-examination on the following conditions only: course credit and semester unit credit for H211/H212 (3, 3), H230 (3), and/or POL220 (3) when the student submits proof of earned test scores of 3+ on Advanced Placement examinations or 55+ on College Level Examination Program tests.

Students who have taken neither H211 nor H212 may take a competency test sponsored by the department. Those who score a 70% or better will be exempted from taking H211 and H212. These students will be required to take only one upper division history course to fulfill the G.E. world history requirement. (Students in state-approved teacher credentialing programs, however, must take both H211 and H212.) The test costs nothing but may be taken only once.

Program Opportunity

California Single Subject Teaching Credential in Social Studies

For information about obtaining a California Preliminary Single Subject Teaching Credential in Social Science, see the Teaching Credential Programs section. For more information, contact the credential analyst in the School of Education.

Bachelor of Arts in History

History Program Learning Outcomes

1. Describe essential developments of U.S. history, answering "who, what, when, where, why, and how" questions relating to these important events and trends.
2. Describe essential developments in world history, answering "who, what, when, where, why, and how" questions relating to these important events and trends.
3. Compare and contrast a biblical philosophy of history with other major philosophies of history.
4. Demonstrate the ability to identify, categorize, and describe different philosophical perspectives of history.
5. Demonstrate the ability to conduct research using traditional primary and secondary source materials as well as current technological resources and techniques to produce lucid, logical, and reasonable historical essays.

History Courses

H211 Essentials of World History I 3
H212 Essentials of World History II 3
H230 Essentials of U.S. History 3
H332 California: Past & Present 3
H334 20th Century World Wars, Crises, & Resets 3
H343 United States Constitutional History 3
H421 Historical Research Techniques 3
H492 Senior Seminar in History 3
SS381 Cultural Geography 3
One of the following (Church History) *3*
- H367 History of the Church (3)
- H404 Studies in John Calvin (3)
- H467 The Reformation Era, 1500-1648 (3)
- H487 U.S. Church History (3)

One of the following (U.S. History) 3
- H323 Early National Period of the U.S. (3)
- H326 Contemporary United States History (3)
- H335 Colonial & Revolutionary America (3)
- H353 U.S. Diplomatic History (3)
- H424 Civil War & Reconstruction (3)

*One of the following (European History)** *3*
- H315 Medieval Europe (3)
- H316 Renaissance Europe (3)
- H383 Ancient Roman History (3)
- H385 Ancient Greek History (3)

*One of the following (Non-U.S., Non-European History)*** *3*
- H327 Latin American History (3)
- H346 East Asian History to 1945 (3)
- H347 The Intertestamental Period (3)
- H364 History of Ancient Israel (3)

History Electives *6*
History, Political Studies, or Social Science *6*
Total units required *51*

**TMU Italy courses (E479) may fulfil this requirement, subject to advisor approval.*
***IBEX courses may fulfill this requirement, subject to advisor approval.*

History Education Emphasis

History Education

This emphasis provides a head start for students interested in entering the Teaching Credential Program at TMU. The 9 additional units are pre-requisite courses offered by the School of Education for entrance and admission to their program.

Education Program Learning Outcomes

1. Describe essential developments of U.S. history, answering "who, what, when, where, why, and how" questions relating to these important events and trends.
2. Describe essential developments in world history, answering "who, what, when, where, why, and how" questions relating to these important events and trends.
3. Compare and contrast a biblical philosophy of history with other major philosophies of history.
4. Demonstrate the ability to identify, categorize, and describe different philosophical perspectives of history.
5. Demonstrate the ability to conduct research using traditional primary and secondary source materials as well as current technological resources and techniques to produce lucid, logical, and reasonable historical essays.
6. Identify and design foundational strategies for teaching history in California secondary schools.

History Courses

H211 Essentials of World History I 3
H212 Essentials of World History II 3
H230 Essentials of U.S. History 3
H332 California: Past & Present 3
H334 20th Century World Wars, Crises, & Resets 3
H343 United States Constitutional History 3
H421 Historical Research Techniques 3
H492 Senior Seminar in History 3
SS381 Cultural Geography 3
One of the following (Church History) *3*
- H367 History of the Church (3)
- H404 Studies in John Calvin (3)
- H467 The Reformation Era, 1500-1648 (3)
- H487 U.S. Church History (3)

One of the following (U.S. History) 3
- H323 Early National Period of the U.S. (3)
- H326 Contemporary United States History (3)
- H335 Colonial & Revolutionary America (3)
- H353 U.S. Diplomatic History (3)
- H424 Civil War & Reconstruction (3)

*One of the following (European History)** *3*
- H315 Medieval Europe (3)
- H316 Renaissance Europe (3)
- H383 Ancient Roman History (3)
- H385 Ancient Greek History (3)

*One of the following (Non-U.S., Non-European History)*** *3*
- H327 Latin American History (3)
- H346 East Asian History to 1945 (3)
- H347 The Intertestamental Period (3)
- H364 History of Ancient Israel (3)

History Electives *6*
History, Political Studies, or Social Science *6*
Total units required *51*

**TMU Italy courses (E479) may fulfil this requirement, subject to advisor approval.*
***IBEX courses may fulfill this requirement, subject to advisor approval.*

History Education Emphasis Courses

History core courses 51
One of the following *3*
- ED202 Curriculum Instruction & Learning Theory (3)*
- ED301 Cultural & Linguistic Diversity in Teaching (3)*

ED400 Foundations of Education*+ 3
P321 History and Philosophies of Education*◊ 3
Total units required for emphasis *60*

**Prerequisite for TMU's Multiple Subject Teaching Credential Program.; must pass with B- or better.*
+May be substituted with ED101, ED202, and ED301.
◊Fulfills G.E. requirement for P311.

Minor

Minor in History

For a minor in History, the following courses are required:

Minor in History Courses

H211	Essentials of World History I	3
H212	Essentials of World History II	3
H230	Essentials of U.S. History	3
Upper Division History Electives*		9
Total units required for minor		*18*

**These units must be fulfilled by courses listed by the TMU History Department or explicitly History courses offered by IBEX (IBEX330, IBEX340, IBEX367), or TMU Italy (E479).*

Bachelor of Arts in Political Studies

Political Studies Core Courses

Political Studies Core Program Learning Outcomes

1. Describe the philosophies of the major political philosophers of Western civilization.
2. Articulate a biblical political philosophy and apply it to contemporary issues.
3. Trace the major events and individuals in the development of the U.S. Constitution and the history of key cases in its application to American jurisprudence.
4. Demonstrate a working knowledge of the key works and theories that have shaped American politics.
5. Conduct effective undergraduate-level research using primary and secondary sources and technological resources relating to political studies.

Political Studies Core Courses

POL326	Introduction to American Politics	3
POL343	U.S. Constitutional History	3
POL354	The Christian & Politics	3
POL365	Western Political Philosophy I	3
POL366	Western Political Philosophy II	3
POL393	Introduction to Political Research	3
POL492	Senior Seminar in Political Studies	3
Total core courses		*21*

American Politics Emphasis

American Politics

The American Politics emphasis gives students an in-depth understanding of the American political system.

American Politics Program Learning Outcomes

1. Describe the specific areas of interrelationship between the branches of the national government.
2. Demonstrate a working knowledge of the major processes of the American political system (e.g., legislation, representation, election, executive action, political communication).
3. Trace the major events, individuals, and structures in the development of American political institutions.

Political Studies Core Courses

POL326	Introduction to American Politics	3
POL343	U.S. Constitutional History	3
POL354	The Christian & Politics	3
POL365	Western Political Philosophy I	3
POL366	Western Political Philosophy II	3
POL393	Introduction to Political Research	3
POL492	Senior Seminar in Political Studies	3
Total core courses		*21*

American Politics Emphasis Courses

Political Studies core courses	21
Four of the following	12
POL325 Political Parties & Elections (3)	
POL333 The Presidency (3)	
POL334 Congress (3)	
POL336 Political Communication (3)	
POL353 U.S. Diplomatic History (3)	
POL466 The Federalist Papers (3)	
Upper Division Political Studies Electives	9
Total units required for emphasis	*42*

Constitutional Law Emphasis

Constitutional Law
The Constitutional Law emphasis gives students an in-depth understanding of the American Constitution and court system.

Constitutional Law Program Learning Outcomes

1. Describe the evolution of judicial supremacy in the United States.
2. Succinctly contrast the extent to which principles of local, national, and international law have advanced or hindered the development of human rights within the United States.
3. Develop effective case briefs for selected constitutionally related political issues.

Political Studies Core Courses

POL326	Introduction to American Politics	3
POL343	U.S. Constitutional History	3
POL354	The Christian & Politics	3
POL365	Western Political Philosophy I	3
POL366	Western Political Philosophy II	3
POL393	Introduction to Political Research	3
POL492	Senior Seminar in Political Studies	3
Total core courses		*21*

Constitutional Law Emphasis Courses

Political Studies core courses	21
Four of the following	12
POL423 Law and Public Policy (3)	
POL426 The Judicial Process (3)	
POL444 The Supreme Court & the Bill of Rights (3)	
POL445 The Church as a Legal Institution (3)	
POL466 The Federalist Papers (3)	
Upper Division Political Studies Electives	9
Total units required for emphasis	*42*

Criminal Justice Emphasis

Criminal Justice
The Criminal Justice emphasis gives students an understanding of the American criminal justice system; including criminal law, correctional theory, law enforcement, courts, and law enforcement agencies and their jurisdictions.

Criminal Justice Program Learning Outcomes

1. Practice a biblical worldview for lifelong leadership and service in the criminal justice profession.
2. Apply critical thinking skills within the context of the criminal justice profession.
3. Demonstrate effective oral and written communication skills for use in the criminal justice profession.

Political Studies Core Courses

POL326	Introduction to American Politics	3
POL343	U.S. Constitutional History	3
POL354	The Christian & Politics	3
POL365	Western Political Philosophy I	3
POL366	Western Political Philosophy II	3
POL393	Introduction to Political Research	3
POL492	Senior Seminar in Political Studies	3
Total core courses		*21*

Criminal Justice Emphasis Courses

Political Studies core courses	21
POL364 Introduction to Criminal Justice	3
POL425 Criminal Law	3
POL426 The Judicial Process	3
POL433 Criminal Procedure and Evidence	3
Upper Division Political Studies Electives	9
Total units required for emphasis	*42*

Political Theory Emphasis

Political Theory

The Political Theory emphasis equips students to understand and interact with the political ideas at the root of Western Civilization.

Political Theory Program Learning Outcomes

1. Trace the major events, individuals, and theories in the development of American political thought.
2. Analyze the major political philosophical works to identify the major theoretical principles being presented and identify applications of the principles within practical situations.

Political Studies Core Courses

POL326	Introduction to American Politics	3
POL343	U.S. Constitutional History	3
POL354	The Christian & Politics	3
POL365	Western Political Philosophy I	3
POL366	Western Political Philosophy II	3
POL393	Introduction to Political Research	3
POL492	Senior Seminar in Political Studies	3
Total core courses		*21*

Political Theory Emphasis Courses

Political Studies core courses	21
Four of the following	12
POL455 Christian Political Thought (3)	
POL464 Machiavelli (3)	
POL466 The Federalist Papers (3)	
POL473 American Political Thought I (3)	
POL474 American Political Thought II (3)	
Upper Division Political Studies Electives	9
Total units required for emphasis	*42*

Minor

Minor in Political Studies

For a minor in Political Studies, the following courses are required:

Minor in Political Studies Courses

POL220	U.S. Government	3
Upper Division Political Studies Electives		21
Total units required for minor		*24*

Paul T. Plew School of Music

Dr. Don Hedges, Dean

DEPARTMENT OF MUSIC

Dr. Don Hedges, Dean

The Department of Music works—on behalf of the university student body—to generate a climate that is conducive to cultural growth and an appreciation for the fine and performing arts. Though accredited by the National Association of Schools of Music to offer specialized coursework in music, the School of Music curriculum is designed to serve the entire TMU community. Accordingly the Department of Music offers applied music courses (private lessons, ensembles, etc.) to all students—both those majoring or minoring in music and those majoring in other areas—for active participation in music and development of individual musical skills. Students in all areas may also take coursework fostering understanding and expression of music and the arts.

Mission

The Paul T. Plew School of Music at The Master's University exists to glorify Christ through passionate pursuit of musical excellence. We work diligently to understand, teach, compose, lead, perform, produce, and record music—as an art, a joy, a discipline, a profession, a calling, and as a means to worship God and serve others. We offer undergraduate programs focusing on performance, music education, piano pedagogy, composition, worship leadership, and audio recording/production.

At The Master's University we believe that the study of music and the arts meets needs that no other endeavor can satisfy. It fosters creativity, confidence, and community responsibility while promoting diligence and multicultural understanding. Music equips the mind and the spirit and produces skills that transfer to all areas of life. Our school, which is large enough to provide a variety of performance opportunities but small enough to grant individual attention to each student, seeks to develop musicians who have the desire to excel for the glory of God.

Program Policies

General Education Requirements

Bachelor of Music majors are exempted from the following G.E. requirements: 3 units of H211/212 Essentials of World History I/II, the Literature Elective, ECN200 Essentials of Economics and Society, and C100 Spoken Communication. Bachelor of Arts majors fulfill the normal G.E. requirements. All majors should check the list of required courses in the General Education section.

Online Course Policy

For the purposes of this policy, a Traditional student is a TMU student who declares and is currently pursuing a Traditional curriculum as indicated on his/her academic record. The upper division major courses required for degrees offered by the School of Music do not overlap with any courses currently offered by TMU Online. Thus, the school does not impose any major-specific limit on the number of online courses traditional students may take in any given term or over the course of their degree program.

Program Requirements

In addition to the graduation requirements for all students (listed in the "Graduation Requirements" section of this catalog), students pursuing a Bachelor of Music degree or a Bachelor of Arts in Music degree must:

- perform a successful audition in their chosen primary performance medium to gain admission to the program
- enroll each semester in
    - private lessons in their chosen primary performance medium (requiring successful completion of a jury examination at the end of the semester)
    - a large choral or instrumental ensemble-
      either
        - MU310 University Singers (for 0 units or .5 unit)

      or
        - MU310O University Orchestra (for 0 units or .5 unit)
    - MU330 Concert Attendance (for 0 units or .5 unit)
    - MU390 Performance Practicum (for 0 units or .5 unit)
- demonstrate keyboard proficiency appropriate to their degree program by
    - examination,
    - successful completion of the prescribed Piano Foundations courses (e.g., MU131, MU132, MU231, MU232), or
    - a combination of the above
- earn a grade of "C" or higher in all required courses with the MU prefix (e.g., MU330)

In addition to the requirements listed above, students pursuing a Bachelor of Music degree must gain faculty approval by demonstrating their readiness to continue in the program through

- their performance (composition) in the jury examination at the end of their second semester of private lessons in their primary performance medium, and
- their success level in required classes, lessons, and ensembles through the end of their second year of study in the program.

Students giving recitals (whether required or elective) must gain faculty approval to present a half or a full recital by

- enrolling in private lessons in the performance medium (composition) in the semester of the recital, and
- successfully performing a pre-recital jury.

Students completing a final project must gain a faculty approval of the project before commencing work.

Program Opportunities

Careers

A major in music requires discipline and fosters whole-brain learning that prepares the conscientious graduate for success in nearly any field. Music students acquire transferable skills such as the ability to think creatively and intuit patterns, to plan ahead, to manage time well and handle several projects at once, to take responsibility for outcomes, and to collaborate effectively with others.

The School of Music strives to acquaint majors with musical careers by inviting successful practitioners from diverse sectors of the industry to share their experience with students. A music degree program prepares graduates for further study and/or practice in many fields/vocations, including for example the following:

Film Music and/or Art Music Composer
Music Business Manager
School Music Teacher (Elementary and/or Secondary, Christian, Charter, Homeschool Coop, or Public)
Orchestral Performer
Private Music Instructor
Studio Musician
Recording Artist
Audio Engineer/Mixer
Audio Post Producer
Studio Musician
Worship Leader/ Worship Pastor
Church Musician
Musicologist/Ethnomusicologist

Concerts

The School of Music presents multiple concerts and recitals each semester, including programs presented by each of its ensembles. At Christmas and during Passion Week, all music students and many non-majors work together to produce and perform diverse concert programs which typically include performances of major choral/orchestral works. The annual "Come Christmas Sing" concert series also typically features a variety of soloists and ensembles. Students taking private music lessons perform in practicum recitals each semester, and the school presents faculty and guest recitals and masterclasses. Most musical events are open to the university and the community.

Performing Groups

All university students are encouraged to perform in School of Music ensembles. Vocal groups include University Singers (a non-auditioned campus community choir) and two auditioned ensembles: The Master's Chorale and TMU Opera Theater. Instrumental groups (open to all students by audition) include the Orchestra, Chamber Orchestra, Wind Ensemble, String Ensemble, Jazz Ensemble, Piano Ensemble, Percussion Ensemble, and a variety of chamber groups.

Facilities

The acoustically isolated and optimized recital hall hosts rehearsals, concerts, and recording sessions. An integrated recording studio is anchored by an Solid State Logic Origin inline mixing console and features an Avid Pro Tools HDX 2 system with a variety of plugins, outboard processing, and a MARA JH-110 ¼" 2 track machine. The studio is used for classes as well as school ensemble projects, giving music production and audio production students the opportunity to put their knowledge to the test in a real-world recording studio context. The music computer lab features ten Mac Studio workstations equipped with up-to-date composition, notation, sequencing, DAW, editing, production, and post production software. The lab is configured to mix in Dolby Atmos centered around an AVID S6 console. Students also have access to practice rooms, pianos (including two nine-foot Steinway concert grand performance instruments), a two-manual tracker pipe organ, a harpsichord, and digital keyboards.

Bachelor of Music

This is a professional degree designed for those with a strong music background who anticipate a vocation in music. It prepares candidates in comprehensive musicianship and performance skills for graduate school and a variety of music careers. Students must demonstrate satisfactory ability and preparation in order to be considered for the degree and must show adequate progress by the end of the sophomore year in order to continue in the B.M. program.

Music Core Courses (B.M.)

Music Core Program Learning Outcomes

1. Demonstrate a mastery of aural and written skills associated with the "grammar" of music, including notation, chord progressions, part writing, and melody harmonization.
2. Demonstrate a thorough working knowledge of the major composers and significant works, styles, and forms of the six eras of music history (Medieval, Renaissance, Baroque, Classical, Romantic, 20th Century).
3. Articulate a biblically based theology of music and worship.

Music Core Courses

MU121	Computer-Assisted Notation	1
MU131	Piano Foundations I*	1
MU132	Piano Foundations II*	1
MU141A	Music Theory I	3
MU141B	Aural Skills I	1
MU142A	Music Theory II	3
MU142B	Aural Skills II	1
MU150	Staff Accompanist**	0
MU160/360	Individual Instruction in primary instrument	8
MU221	Digital Audio Workstation (DAW) Basics	1
MU231	Piano Foundations III*	1
MU232	Piano Foundations IV*	1
MU241A	Music Theory III	3
MU241B	Aural Skills III	1
MU242A	Music Theory IV	3
MU242B	Aural Skills IV	1
MU271	Basic Conducting	2
MU295	Music and Art for Musicians***	3
One of the following		*4*
	MU310 University Singers (0.5/semester)	
	MU310O University Orchestra (0.5/semester)	
MU330	Concert Attendance****	0-0.5
MU333	Worship and Songs of the Church	3
MU390	Performance Practicum****	0-0.5
MU393	Music History & Literature I	3
MU394	Music History & Literature II	3
MU396	World Music	3
MU482	Senior Seminar	2
Performing Ensemble		8
Total core courses		*61-62*

**Testing out allowed for any or all semesters of Piano Foundations.*
***Required for primary instrument: voice.*
****Fulfills G.E. requirement for MU190.*
*****8 semesters required.*

Composition (B.M.)

Composition

This emphasis gives students the foundation to continue in graduate school or engage in one of many careers in music. Examples include composing, teaching, performing, and careers in the recording industry. Students acquire skills in instrumentation, arranging, and other aspects of composition, along with experiencing performances of their own compositions. Students learn to write both short and long forms in various representative musical and instrumental idioms, are encouraged to explore trends in modern music composition, and experiment with compositional styles in order to discover a personal compositional "voice."

Composition Program Learning Outcomes

1. Demonstrate a proficiency in composition, arranging, orchestration, and counterpoint, including the ability write in classical forms and contrasting styles.

Music Core Courses

MU121	Computer-Assisted Notation	1
MU131	Piano Foundations I*	1
MU132	Piano Foundations II*	1
MU141A	Music Theory I	3
MU141B	Aural Skills I	1
MU142A	Music Theory II	3
MU142B	Aural Skills II	1
MU150	Staff Accompanist**	0
MU160/360	Individual Instruction in primary instrument	8
MU221	Digital Audio Workstation (DAW) Basics	1
MU231	Piano Foundations III*	1
MU232	Piano Foundations IV*	1
MU241A	Music Theory III	3
MU241B	Aural Skills III	1
MU242A	Music Theory IV	3
MU242B	Aural Skills IV	1
MU271	Basic Conducting	2
MU295	Music and Art for Musicians***	3
One of the following		*4*
	MU310 University Singers (0.5/semester)	
	MU310O University Orchestra (0.5/semester)	
MU330	Concert Attendance****	0-0.5
MU333	Worship and Songs of the Church	3
MU390	Performance Practicum****	0-0.5
MU393	Music History & Literature I	3
MU394	Music History & Literature II	3
MU396	World Music	3
MU482	Senior Seminar	2
Performing Ensemble		8
Total core courses		*61-62*

**Testing out allowed for any or all semesters of Piano Foundations.*
***Required for primary instrument: voice.*
****Fulfills G.E. requirement for MU190.*
*****8 semesters required.*

Composition Courses

Bachelor of Music core courses		59-60
MU160W/360W	Individual Instruction in Composition*	6
MU366	Tonal Counterpoint	2
MU406	Popular Music Since 1900	3
MU443	20th Century Analysis	2
MU445	Arranging	2
MU474	Orchestration	2
MU460	Full Recital	2
Two of the following		*2*
	MU313 Percussion Techniques (1)	
	MU314 Woodwind Techniques (1)	
	MU315 Brass Techniques (1)	
Total units required for emphasis		*80-81*

**Fulfills two units of Individual Instruction in primary instrument.*

Music Education (B.M.)

Music Education

This emphasis equips the student with the necessary skills, understanding, and methodologies to teach vocal, instrumental, and general music in the K-12 grade school system. Credentialing comes in the fifth year of study with advanced studies in teacher education and student teaching through the School of Education.

Music Education Program Learning Outcomes

1. Articulate the value of music in a society and the school classroom and articulate a personal philosophy of music education that serves as a catalyst in developing musical awareness, musicianship, and performance skills.
2. Analyze and provide advice, recommendations, and suggestions to further musical growth in an individual or group, based upon an understanding of learning theory and developmental growth of school-age students.

Music Core Courses

MU121 Computer-Assisted Notation 1
MU131 Piano Foundations I* 1
MU132 Piano Foundations II* 1
MU141A Music Theory I 3
MU141B Aural Skills I 1
MU142A Music Theory II 3
MU142B Aural Skills II 1
MU150 Staff Accompanist** 0
MU160/360 Individual Instruction in primary instrument 8
MU221 Digital Audio Workstation (DAW) Basics 1
MU231 Piano Foundations III* 1
MU232 Piano Foundations IV* 1
MU241A Music Theory III 3
MU241B Aural Skills III 1
MU242A Music Theory IV 3
MU242B Aural Skills IV 1
MU271 Basic Conducting 2
MU295 Music and Art for Musicians*** 3
One of the following *4*
MU310 University Singers (0.5/semester)
MU310O University Orchestra (0.5/semester)
MU330 Concert Attendance**** 0-0.5
MU333 Worship and Songs of the Church 3
MU390 Performance Practicum**** 0-0.5
MU393 Music History & Literature I 3
MU394 Music History & Literature II 3
MU396 World Music 3
MU482 Senior Seminar 2
Performing Ensemble 8
Total core courses *61-62*

**Testing out allowed for any or all semesters of Piano Foundations.*
***Required for primary instrument: voice.*
****Fulfills G.E. requirement for MU190.*
*****8 semesters required.*

Music Education Courses

Bachelor of Music core courses 61-62
MU181 Introduction to Music Education 1
MU313 Percussion Techniques 1
MU314 Woodwind Techniques 1
MU315 Brass Techniques 1
MU316 String Techniques 1
MU360 Individual Instr. in primary instrument (addt'l) 4
MU416 Teaching Music in the Elementary & Secondary School 3
MU476 Advanced Conducting 2
One of the following *3*
ED202 Curriculum & Learning Theory (3)*
ED301 Cultural & Linguistic Diversity in Teaching (3)*
ED400 Foundations of Education* 3
P321 History and Philosophies of Education*, ** 3
One of the following *2*
MU366 Tonal Counterpoint (2)
MU445 Arranging (2)
MU474 Orchestration (2)
Performance Track 5-6
Instrumental:
MU170C Class Voice (1)
MU340 Instrumental Chamber Ensembles (2)
MU414 Instrumental Methods (2)
Vocal:
MU428 Choral Methods (2)
MU436 Vocal Pedagogy (3)
One of the following *1*
MU321 Opera*** (1)
MU320 The Master's Chorale*** (1)
MU260.2 Half Recital (Senior) 1
Total units required for emphasis *92-94*

**Prerequisite for TMU's Single Subject Teaching Credential Program: must pass with a B- or better.*
***Fulfills G.E. requirement for P311.*
****May be repeated to satisfy this requirement.*

Bachelor of Music Performance Degrees

The performance emphasis prepares students for careers in performance, teaching, or advanced study in piano, voice, or another instrument. The program includes a breadth and depth of music studies to ensure a thorough foundation.

Instrumental Performance (B.M.)

Cello Performance
Clarinet Performance
Flute Performance
Guitar Performance
Organ Performance
Viola Performance
Violin Performance

Instrumental Performance Program Learning Outcomes

1. Perform with a high level of musicianship as demonstrated through a developed technical skill, artistic interpretation, listening skills, and ability to perform jointly with an accompanist.

Music Core Courses

MU121	Computer-Assisted Notation	1
MU131	Piano Foundations I*	1
MU132	Piano Foundations II*	1
MU141A	Music Theory I	3
MU141B	Aural Skills I	1
MU142A	Music Theory II	3
MU142B	Aural Skills II	1
MU150	Staff Accompanist**	0
MU160/360	Individual Instruction in primary instrument	8
MU221	Digital Audio Workstation (DAW) Basics	1
MU231	Piano Foundations III*	1
MU232	Piano Foundations IV*	1
MU241A	Music Theory III	3
MU241B	Aural Skills III	1
MU242A	Music Theory IV	3
MU242B	Aural Skills IV	1
MU271	Basic Conducting	2
MU295	Music and Art for Musicians***	3
One of the following		*4*
	MU310 University Singers (0.5/semester)	
	MU310O University Orchestra (0.5/semester)	
MU330	Concert Attendance****	0-0.5
MU333	Worship and Songs of the Church	3
MU390	Performance Practicum****	0-0.5
MU393	Music History & Literature I	3
MU394	Music History & Literature II	3
MU396	World Music	3
MU482	Senior Seminar	2
Performing Ensemble		8
Total core courses		*61-62*

**Testing out allowed for any or all semesters of Piano Foundations.*
***Required for primary instrument: voice.*
****Fulfills G.E. requirement for MU190.*
*****8 semesters required.*

Instrumental Performance Courses

Bachelor of Music core courses		53-54
MU340	Instrumental Chamber Ensemble in primary Instrument	4
MU340/S	Wind or String Ensemble*	8
MU360	Individual Instr. in primary instrument (addt'l)	6
One of the following		*2*
	MU366 Tonal Counterpoint (2)	
	MU445 Arranging (2)	
	MU474 Orchestration (2)	
MU477	Instrumental Pedagogy	1
MU478	Instrumental Literature	1
MU260.1	Half Recital (Junior)	1
MU460	Full Recital	2
Total units required for emphasis		*78-79*

**Satisfies Performance Ensemble in the B.M. Core.*

Performance with Emphasis in Piano Pedagogy (B.M.)

Performance with Emphasis Piano Pedagogy
This emphasis allows piano majors who plan to teach the opportunity to focus on pedagogy through coursework and practical experience.

Performance with Emphasis in Piano Pedagogy Program Learning Outcomes

1. Demonstrate the ability to develop key elements of a piano teaching studio business plan.
2. Demonstrate the ability to construct effective piano lesson plans that incorporate current good practice in terms of teaching methods and materials and include theory, repertoire, and technique.
3. Demonstrate the ability to effectively teach beginning piano students in individual and group settings.
4. Articulate a well-developed educational philosophy for piano pedagogy that reflects a clear biblical worldview and a sense of identity as a musician & teacher.
5. Demonstrate the musical understanding, technical facility, and poise needed to successfully perform a range of advanced solo literature from the representative classical styles of Baroque to Contemporary eras as well as present evidence of teaching competency through the performance of his/her student(s).

Music Core Courses

MU121	Computer-Assisted Notation	1
MU131	Piano Foundations I*	1
MU132	Piano Foundations II*	1
MU141A	Music Theory I	3
MU141B	Aural Skills I	1
MU142A	Music Theory II	3
MU142B	Aural Skills II	1
MU150	Staff Accompanist**	0
MU160/360	Individual Instruction in primary instrument	8
MU221	Digital Audio Workstation (DAW) Basics	1
MU231	Piano Foundations III*	1
MU232	Piano Foundations IV*	1
MU241A	Music Theory III	3
MU241B	Aural Skills III	1
MU242A	Music Theory IV	3
MU242B	Aural Skills IV	1
MU271	Basic Conducting	2
MU295	Music and Art for Musicians***	3
One of the following		*4*
	MU310 University Singers (0.5/semester)	
	MU310O University Orchestra (0.5/semester)	
MU330	Concert Attendance****	0-0.5
MU333	Worship and Songs of the Church	3
MU390	Performance Practicum****	0-0.5
MU393	Music History & Literature I	3
MU394	Music History & Literature II	3
MU396	World Music	3
MU482	Senior Seminar	2
Performing Ensemble		8
Total core courses		*61-62*

**Testing out allowed for any or all semesters of Piano Foundations.*
***Required for primary instrument: voice.*
****Fulfills G.E. requirement for MU190.*
*****8 semesters required.*

Performance with Emphasis in Piano Pedagogy Courses

Bachelor of Music core courses		57-60
MU356	Teaching Piano Internship I	2
MU360A	Individual Instruction in Piano (additional)	6
MU374	Functional Keyboard Skills	2
MU385	Piano Pedagogy I	2
MU386	Piano Pedagogy II	2
MU453	Teaching Piano Internship II	2
MU454	Teaching Piano Internship III	2
MU473	Advanced Piano Literature	2
MU483	Piano Pedagogy III	2
MU484	Piano Pedagogy IV	2
MU460	Full Recital (50 minutes; 10 minutes showcases teaching internship)	2
Total units required for emphasis		*83-86*

Piano Performance (B.M.)

Piano Performance

The performance emphasis prepares students for careers in performance, teaching, or advanced study in piano, voice, or another instrument. The program includes a breadth and depth of music studies to ensure a thorough foundation.

Piano Performance Program Learning Outcome

1. Demonstrate the musical understanding, technical facility, and poise needed to successfully perform a range of advanced solo literature from the representative classical styles of Baroque to Contemporary eras.

Music Core Courses

MU121	Computer-Assisted Notation	1
MU131	Piano Foundations I*	1
MU132	Piano Foundations II*	1
MU141A	Music Theory I	3
MU141B	Aural Skills I	1
MU142A	Music Theory II	3
MU142B	Aural Skills II	1
MU150	Staff Accompanist**	0
MU160/360	Individual Instruction in primary instrument	8
MU221	Digital Audio Workstation (DAW) Basics	1
MU231	Piano Foundations III*	1
MU232	Piano Foundations IV*	1
MU241A	Music Theory III	3
MU241B	Aural Skills III	1
MU242A	Music Theory IV	3
MU242B	Aural Skills IV	1
MU271	Basic Conducting	2
MU295	Music and Art for Musicians***	3
One of the following		*4*
	MU310 University Singers (0.5/semester)	
	MU310O University Orchestra (0.5/semester)	
MU330	Concert Attendance****	0-0.5
MU333	Worship and Songs of the Church	3
MU390	Performance Practicum****	0-0.5
MU393	Music History & Literature I	3
MU394	Music History & Literature II	3
MU396	World Music	3
MU482	Senior Seminar	2
Performing Ensemble		8
Total core courses		*61-62*

**Testing out allowed for any or all semesters of Piano Foundations.*
***Required for primary instrument: voice.*
****Fulfills G.E. requirement for MU190.*
*****8 semesters required.*

Piano Performance Courses

Bachelor of Music core courses		57-60
MU160/360	Individual Instruction in a keyboard instrument other than piano	1
MU360A	Individual Instruction in Piano (additional)	7
MU374	Functional Keyboard Skills	2
MU385	Piano Pedagogy I	2
MU386	Piano Pedagogy II	2
MU440	Collaborative Keyboard*	2-4
MU473	Advanced Piano Literature	2
MU260.1	Half Recital (Junior)	1
MU460	Full Recital	2
Total units required for emphasis		*78-81*

**Fulfills 2-4 units of Performing Ensemble.*

Vocal Performance (B.M.)

Vocal Performance

The Bachelor of Music Degree in Vocal Performance prepares students for graduate school and careers in performance and teaching. The degree is designed to help students develop their skills to the highest level possible through studio and classroom instruction, opportunities for performance and within a community of supportive musicians.

Vocal Performance Program Learning Outcomes

1. Perform with a high level of musicianship as demonstrated through a developed technical skill, artistic interpretation, good quality of tone, and ability to perform jointly with an accompanist.

Music Core Courses

MU121	Computer-Assisted Notation	1
MU131	Piano Foundations I*	1
MU132	Piano Foundations II*	1
MU141A	Music Theory I	3
MU141B	Aural Skills I	1
MU142A	Music Theory II	3
MU142B	Aural Skills II	1
MU150	Staff Accompanist	0
MU160/360	Individual Instruction in primary instrument	8
MU221	Digital Audio Workstation (DAW) Basics	1
MU231	Piano Foundations III*	1
MU232	Piano Foundations IV*	1
MU241A	Music Theory III	3
MU241B	Aural Skills III	1
MU242A	Music Theory IV	3
MU242B	Aural Skills IV	1
MU271	Basic Conducting	2
MU295	Music and Art for Musicians***	3
One of the following		*4*
	MU310 University Singers (0.5/semester)	
	MU310O University Orchestra (0.5/semester)	
MU330	Concert Attendance****	0-0.5
MU333	Worship and Songs of the Church	3
MU390	Performance Practicum****	0-0.5
MU393	Music History & Literature I	3
MU394	Music History & Literature II	3
MU396	World Music	3
MU482	Senior Seminar	2
Performing Ensemble		8
Total core courses		*61-62*

**Testing out allowed for any or all semesters of Piano Foundations.*
****Fulfills G.E. requirement for MU190.*
*****8 semesters required.*

Vocal Performance Courses

Bachelor of Music core courses		60-61
MU283/284	Diction (IPA/Foreign Language)	4
MU321	Opera*	1
MU336	Italian for Singers	2
MU346	Stage Training	1
MU360B	Individual Instruction in Voice (additional)	6
MU364	German for Singers	2
MU435	Vocal Literature	2
MU436	Vocal Pedagogy	3
MU260.1	Half Recital (Junior)	1
MU460	Full Recital	2
Total units required for emphasis		*80-81*

**Satisfies 1 unit of performance ensemble.*

Bachelor of Arts in Music

The B.A. in Music degree serves students with diverse musical backgrounds who choose music as the focus of a broader liberal arts education. Students receive a solid education in music along with a significant amount of study in other areas. The program offers flexibility in focus and course content; students choose two concentrations from the following: Biblical Studies, Business Studies, Choral Studies, Communication Studies, Elective Music Studies, Instrumental Studies, Multiple Instrument Studies, Music History & Literature Studies, Music Theory Studies, Music Writing Studies, Piano Studies, Vocal Studies & Worship Studies. Combined, these concentrations account for 36% of the total degree requirements. Performance requirements may be satisfied by a recital or a project. The wide range of learning coupled with the discipline of music engenders open doors in numerous music-related and non-music fields.

Music Core Courses (B.A.)

Music Core Program Learning Outcomes

1. Demonstrate a familiarity with the "grammar" of music, including notation, chord progressions, part writing, and melody harmonization.
2. Articulate a biblically based theology of music and worship.
3. Demonstrate musicianship either through the mastery of at least one musical instrument or through successful completion of a project.

Music Core Courses

MU121	Computer-Assisted Notation	1
MU131	Piano Foundations I*	1
MU132	Piano Foundations II*	1
MU141A	Music Theory I	3
MU141B	Aural Skills I	1
MU142A	Music Theory II	3
MU142B	Aural Skills II	1
MU150	Staff Accompanist**	0
MU160	Individual Instruction in Primary Instrument	6
MU221	Digital Audio Workstation (DAW) Basics	1
MU271	Basic Conducting	2
MU295	Music and Art for Musicians***	3
One of the following		*4*
	MU310 University Singers (0.5/semester)	
	MU310O University Orchestra (0.5/semester)	
MU330	Concert Attendance****	0-0.5
MU333	Worship and Songs of the Church	3
MU390	Performance Practicum	0-0.5
One of the following		*3*
	MU393 Music & History Literature I (3)	
	MU394 Music & History Literature II (3)	
	MU396 World Music (3)	
	MU406 Popular Music Since 1900 (3)	
MU482	Senior Seminar	2
One of the following		*1*
	MU260.2 Half Recital (Senior) (1)	
	MU490 Senior Capstone Project (1)	
Performing Ensemble		4
Upper Division Elective		3
Concentration 1, selected from provided options		12
Concentration 2, selected from provided options		12
Total core + concentration courses		*67-69*

**Testing out allowed for any or all semesters of Piano Foundations.*
***Required for primary instrument: voice.*
****Fulfills G.E. requirement for MU190.*
***** Four semesters*

Music (General) Emphasis (B.A.)

Music

This emphasis serves students who choose music as the focus of a broader liberal arts education. The program offers flexibility in focus and course content. The wide range of learning coupled with the discipline of music engenders open doors in numerous music-related and non-music fields.

Music Core Courses

Total core + concentration courses *67*

Concentration Options:

Biblical Studies

Upper Division Bible Courses 12
Choose from B, BC, BCH, BCW, BE, BL, & BTH prefixes.

Business Studies

MKT350 Marketing Fundamentals 3
MKT462 Sales & Customer Service .....
MU357 Music Business Operations 3
Any course with prefix ACC, BUS, MGT, or MKT 3

Choral Studies

MU334 Music Leadership & Administration 2
MU360B Additional Individual Instruction in Voice 4
MU476 Advanced Conducting 2
MU428 Choral Methods 2
Additional Performing Ensemble 2

Communication Studies

C220 News Media Literacy 3
C371 Interpersonal Communication 3
C472 Rhetorical Criticism 3
Upper Division Communication Elective 3

Elective Studies

Electives, at least 6 upper division units* 12
**Choose with advisor approval.*

Instrumental Studies

MU360 Add'l. Indiv. Instruction in Primary Instrument 4
MU313, 4, 5, or 6 Techniques in Primary Instrument Area 1
MU340 Chamber Ensemble 3
MU476 Advanced Conducting 2
MU477 Instrumental Pedagogy 1
MU478 Instrumental Literature 1

Multiple Instrument Studies

MU360 Add'l. Indiv. Instruction in Primary Instrument 2
MU360 Add'l. Indiv. Instruction in Secondary Instrument 6
MU313 Percussion Techniques 1
MU314 Woodwind Techniques 1
MU315 Brass Techniques 1
MU316 String Techniques 1

Music History & Literature Studies

Remaining courses from MU393, 394, 396, & 406 9
One of the following *2*
MU435 Vocal Literature (2)
MU473 Advanced Piano Literature (2)
Additional Performing Ensemble 1

Music Theory Studies

MU231 Piano Foundations III 1
MU232 Piano Foundations IV 1
MU241A Music Theory III 3
MU241B Aural Skills III 1
MU242A Music Theory IV 3
MU242B Aural Skills IV 1
MU443 20th Century Analysis 2

Music Writing Studies*

MU105 Songwriting 1
MU160W Individual Instruction in Composition 4
MU347 Music Charting 2
MU445 Arranging 2
MU474 Orchestration 2
**Advised to take MU406 in Core*

Piano Studies

MU360A Additional Individual Instruction in Piano 4
MU367 Improvisation & Worship Piano 2
MU374 Functional Keyboard Skills 2
MU385 Piano Pedagogy I 2
MU473 Advanced Piano Literature 2

Vocal Studies

MU360B Additional Individual Instruction in Voice 4
MU283 IPA/English Diction 2
MU321 Opera 1
MU435 Vocal Literature 2
MU436 Vocal Pedagogy 3

Music and Worship Emphasis (B.A.)

Modern and Worship

The Music and Worship emphasis prepares students to lead the local church—humbly and confidently—in congregational worship (including music) that honors God and edifies Christ-followers. It offers training and practice in history and theology, musicianship, leadership, administration, service planning, and technology. Graduates are astute biblically and theologically and adept relationally; they are capable administrators, and they have experience planning and leading corporate worship.

Music and Worship Program Learning Outcomes

1. Evidence the calling of God to worship and music ministry through Christlike humility and servant leadership.
2. Exhibit biblical/theological, musical, technical, administrative, and relational knowledge, abilities, and skills necessary for successful worship and music ministry.
3. Demonstrate readiness to lead and administer a local church worship and music ministry under the authority of the pastor(s)/elder(s).
4. Demonstrate ability to plan, arrange, perform, rehearse, conduct, and lead music in corporate worship settings.
5. Demonstrate ability to design and produce generational and multigenerational corporate worship gatherings that exalt Christ and honor Scripture.

Music and Worship Courses

BCH/H367 History of the Church 3
C231 Digital Video Editing I 3
MU105 Songwriting 1
MU121 Computer-Assisted Notation 1
MU131 Piano Foundations I* 1
MU132 Piano Foundations II* 1
MU141A Music Theory I 3
MU141B Aural Skills I 1
MU142A Music Theory II 3
MU142B Aural Skills II 1
MU150 Staff Accompanist** 0
MU160 Individual Instruction in Primary Instrument 6
MU160O Individual Instruction Percussion*** 1
*One of the following (each repeatable)**** 2*
MU170C Class Voice (1)
MU160B Individual Instruction Voice (1)
*One of the following (each repeatable)***** 2*
MU170F Class Guitar (1)
MU160D Individual Instruction Guitar (1)
MU221 Digital Audio Workstation (DAW) Basics 1
MU223 Audio Engineering I 3
MU241A Music Theory III 3
MU241B Aural Skills III 1
MU251 Pro Tools Fundamentals I/II (Pro Tools 101/110) 3
MU264 Lighting and Visual Prod for Church Contexts 1
MU271 Basic Conducting 2
MU295 Music and Art for Musicians****** 3
One of the following (each repeatable) 4
MU310 University Singers (0.5/semester)
MU310O University Orchestra (0.5/semester)
MU323 Biblical Theology of Worship 2
MU324 Forming and Rehearsing Worship Teams 2
MU330 Concert Attendance******* 0-0.5
MU333 Worship and Songs of the Church 3
MU334 Music Leadership and Administration 2
MU335 Designing Worship Services 3
MU347 Music Charting 2
MU354 Pro Tools Production I (Pro Tools 201) 2
MU367 Improvisation and Worship Piano******** 2
MU390 Performance Practicum******* 0-0.5
MU428 Choral Methods 2
MU482 Senior Seminar 2
MU490 Senior Capstone Project 1
Three units of the following 3
MU494 Worship Internship (1)
Total units required for major 73-75

** Required for students whose primary performance medium is not piano or organ. Testing out/validation allowed.*
*** Required for students whose primary performance medium is voice.*
****Required for students whose primary performance medium is not percussion. Testing out/validation allowed.*
*****Required for students whose primary performance medium is not voice. Testing out/validation allowed.*
******Required for students whose primary performance medium is not guitar. Testing out/validation allowed.*
*******Fulfills G.E. requirement for MU190.*
********Required every semester, up to 8 semesters.*
*********Required for students whose primary performance medium is piano or organ. Testing out/validation allowed.*

Highly Recommended:

B367 Psalms 3

Recommended:

BC300 Introduction to Biblical Counseling 3
BC340 Marriage and Family 3
BTS642 Devotional Life of the Worship Leader 2
MU322 Synthesis and Sound Design 1
MU340J Jazz Ensemble 1
MU396 World Music 3
MU406 Popular Music Since 1900 3

Music Production (B.A.)

Music Production

This emphasis is designed to prepare students to work with the latest audio technology in numerous arenas in the media industry and in churches. Students may achieve AVID Certification. Combined with studies in music, the program becomes a unique preparation to better suit students for music recording and production.

Music Production Learning Outcomes

1. Demonstrate mastery of an industry-standard audio production software.
2. Demonstrate mastery of audio recording and production techniques.
3. Demonstrate mastery of audio post-production techniques.

Music Production Courses

MU121	Computer-Assisted Notation	1
MU131	Piano Foundations I*	1
MU132	Piano Foundations II*	1
MU141A	Music Theory I	3
MU141B	Aural Skills I	1
MU142A	Music Theory II	3
MU142B	Aural Skills II	1
MU221	Digital Audio Workstation (DAW) Basics	1
MU223	Audio Engineering I	3
MU251	Pro Tools Fundamentals I/II (101/110)	3
MU295	Music and Art for Musicians**	3
One of the following		*4*
	MU310 University Singers (0.5/semester)	
	MU310O University Orchestra (0.5/semester)	
MU330	Concert Attendance***	0-0.5
MU333	Worship and Songs of the Church	3
MU354	Pro Tools Production I (Pro Tools 201)	2
MU355	Intro to Audio Mixing and Mastering	2
MU396	World Music	3
MU404	Recording Techniques	3
MU406	Popular Music Since 1900	3
MU426	Audio Engineering II	3
MU460E	Senior Project	2
MU482	Senior Seminar	2
MU498	Internship in Music Production	2
Music Electives		4
MGT435	Finance and Managerial Accounting	3
BUS368	Entrepreneurship	3
MKT350	Marketing Fundamentals	3
Total unis required for major		*63-65*

**Testing out allowed for any or all semesters of Piano Foundations.*
***Fulfills G.E. requirement for MU190.*
**** Required every semester, up to 8 semesters.*

Bachelor of Arts in Audio Production

Audio Production

This interdisciplinary major provides students with an exceptional opportunity to learn directly from experienced industry professionals, gaining practical, hands-on experience while mastering the essential skills for thriving in careers across music, sound design, media, film and television, as well as church and tech ministries. The curriculum is designed to build a strong foundation and develop expertise in utilizing state-of-the-art, industry-standard hardware and software to record, create, manipulate, and produce professional-quality audio, whether in live settings or studio environments.

Audio Production Program Learning Outcomes

1. Demonstrate expertise in using industry-standard hardware and software to record, create, manipulate, and produce high-quality audio across various professional applications.
2. Combine theoretical understanding with practical skills to develop and deliver audio projects that meet professional standards for live and studio environments.
3. Display the technical skills, creativity, and professionalism needed to succeed in dynamic fields such as music production, sound design, film and television, churches, and technical ministries.
4. Work effectively with peers and industry professionals in diverse creative and technical environments, contributing to the success of audio production projects.

Audio Production Courses

MU221	Digital Audio Workstation (DAW) Basics	1
MU223	Audio Engineering I	3
MU251	Pro Tools Fundamentals I/II (101/110)	3
MU322	Synthesis and Sound Design	1
MU326	Game Audio	1
MU354	Pro Tools Production I (Pro Tools 201)	2
MU355	Intro to Audio Mixing and Mastering	2
MU358	Pro Tools Production II (Pro Tools 210M)	2
MU375	Sound Design for Film (Atmos)	3
MU381	Live Sound Reinforcement	3
MU404	Recording Techniques	3
MU426	Audio Engineering II	3
MU455	Pro Tools Post Production (210P)	3
MU460E	Senior Project	2
MU498	Internship in Audio Production	2
C231	Digital Video Editing I	3
Music Courses		
MU108	Music Fundamentals	2
MU295	Music and Art for Musicians*	3
MU330	Concert Attendance (4 semesters)	0-2
MU357	Music Business Operations	2
MU406	Popular Music Since 1900	3
Choice of Ensemble (2 semesters)		1-2
Total units required for major		*52-55*

**Fulfills G.E. req. for MU190.*

Minor

Minor in Music

A minor in music provides grounding in the basics of music and worship, along with individual training and ensemble performance opportunities. Music is so much a part of church life that the music minor is highly recommended to all who are involved in the church in any capacity. It also provides a well-rounded education for any major. For a minor in Music, the following courses are required:

Minor in Music Courses

MU131	Piano Foundations I*	1
MU132	Piano Foundations II*	1
MU141A	Music Theory I	3
MU141B	Aural Skills I	1
MU160/360	Individual Instruction	4
MU271	Basic Conducting	2
MU295	Music & Art for Musicians**	3
MU310	University Singers or Orchestra	2
MU330	Concert Attendance (4 semesters	0
MU333	Worship and Songs of the Church	3
Music Electives		4
Total units required for minor		*22-24*

**Testing out allowed for one or both semesters.*
***Fulfills G.E. req. for MU190.*

School of Science, Mathematics, Technology, & Health

DEPARTMENT OF BIOLOGICAL & PHYSICAL SCIENCES

Dr. Matthew McLain, Chairperson

The Department of Biological & Physical Sciences spans the disciplines of biology, zoology, botany, chemistry, geology, environmental science, paleontology, and physical science. The department seeks to produce in students the ability to carefully analyze any area of knowledge that intersects these diverse disciplines. The department strives to instill in students the desire to be professionally competent, to develop lifelong patterns of intellectual growth, and to be uncompromising in their faith. This is accomplished by a consideration of the history of science and current perspectives in the various scientific disciplines in the context of the Christian worldview based on the Word of God, which includes a commitment to the doctrine of special creation. The internally consistent outcome of these studies forms a basis for the accurate evaluation of science past, present, and future. The goal of all instruction is to send forth the saints with an understanding of science, so that through their professional, academic, and spiritual testimony, the Master is presented and exalted. The department offers both Bachelor of Science and Bachelor of Arts degrees in Biological Scienes, as well as a Bachelor of Science degree in Geoscience.

Program Policies

Grade Requirement

To fulfill graduation requirements, students must obtain a grade of C- or higher in each core and emphasis course. Courses can be retaken to meet this requirement.

Online Course Policy

For the purposes of this policy, a Traditional student is a TMU student who declares and is currently pursuing a Traditional curriculum as indicated on his/her academic record. The upper division major courses required for degrees offered by the School of Science, Mathematics, Technology, and Health do not overlap with any courses currently offered by TMU Online. Thus, the school does not impose any major-specific limit on the number of online courses traditional students may take in any given term or over the course of their degree program.

Transfer Policies

Credit by Examination

Credit-by-examination in the department will be granted for certain course segments if the student has scored 4 or 5 on the Advanced Placement Program examination of the College Board or 55+ on the College Level Examination Program test. This applies to:

- Chemistry exam – CH151 General Chemistry I (4 units). Biological Science majors must take CH152 at the university level.
- Biology exam – LS151 Organismic Biology (4 units).

Program Opportunities

California Single Subject Teaching Credential in Life Sciences

For information about obtaining a California Preliminary Single Subject Teaching Credential in Life Sciences, see the Teaching Credential Programs section of this catalog. For questions or more information, contact the Credential Analyst in the School of Education.

Career Opportunities

The training students receive at The Master's University in biological and physical sciences helps them prepare for the following careers:

- Biochemist
- Dietitian
- Laboratory Technician
- Dentist
- Physician
- Veterinarian
- Nurse
- Zoologist
- Ecologist
- Marine Biologist
- Pharmacist
- Microbiologist
- Park Ranger
- Research Scientist
- Paleontologist
- Forensic Scientist
- Computational Biologist
- Botanist
- Geologist
- Economic Geologist
- Industrial Geologist
- Environmental Scientist
- Environmental Consultant
- Geological Consultant

Students in the environmental biology emphasis can complete certifications as a certified naturalist, certified land resources analyst, certified water resources analyst, or certified environmental analyst in conjunction with The Master's University and the Au Sable Institute. Interested students should consult with their advisor to coordinate their program early in their university career.

Research Opportunities

Students are encouraged to pursue personalized scholarship opportunities with individual faculty in the department. Students may translate such research opportunities into academic credit toward graduation in the form of practicums in industrial settings and/or scholarly articles presented to academic and professional societies.

Bachelor of Arts in Biological Sciences

Biological Sciences Core Courses (B.A.)

Biological Sciences Core Program Learning Outcomes

1. Employ the methods of science to solve research questions.
2. Employ a knowledge of cell structure and function to analyze and interpret scientific data.
3. Apply taxonomy, phylogeny, and diversification of living organisms to analyze and interpret scientific data.
4. Apply the principles of inheritance and use genomes to compare organisms and diagnose disease.
5. Integrate Scripture and science to explain God's revealed Truth.

B.A. Biological Sciences Core Courses

CH151	General Chemistry I*	3, 1
CH152	General Chemistry II*	3, 1
CH351	Organic Chemistry I*	3, 1
LS151	Organismic Biology*, **	3, 1
LS220	Research Methods Lab	1
LS252	Cell Biology*	3, 1
LS342	Genetics and Genomics*	3, 1
LS372	Origins	3
LS420	Seminar in Biology	1
LS422	Senior Capstone	1
MA260	Elementary Statistics	3
Total units required for core		*33*

**With corresponding lab. (Ex: take CH151 w/ CH151L).*
***Fulfills G.E. requirement for Science Lecture and Science Lab.*

Animal Science/Pre-Veterinary Emphasis (B.A.)

Animal Science/Pre-Veterinary

The animal science/pre-veterinary curriculum prepares students for careers or additional studies in an animal related field such as a veterinarian, veterinary technician, zoologist, zookeeper, or park ranger.

Animal Science/Pre-Veterinary Medicine

1. Analyze an ecosystem to identify relationships among organisms and that environment.
2. Analyze patterns of physiological processes to explain how various animal groups maintain homeostasis.

B.A. Biological Sciences Core Courses

CH151	General Chemistry I*	3, 1
CH152	General Chemistry II*	3, 1
CH351	Organic Chemistry I*	3, 1
LS151	Organismic Biology*, **	3, 1
LS220	Research Methods Lab	1
LS252	Cell Biology*	3, 1
LS342	Genetics and Genomics*	3, 1
LS372	Origins	3
LS420	Seminar in Biology	1
LS422	Senior Capstone	1
MA260	Elementary Statistics	3
Total units required for core		*33*

**With corresponding lab. (Ex: take CH151 w/ CH151L).*
*** Fulfills G.E. requirement for Science Lecture and Science Lab.*

Animal Science/Pre-Veterinary Emphasis Courses

B.A. in Biology core courses		33
One of the following		*4*
	LS241 Ecology and Environmental Science* (3, 1)	
	LS341 Ecology* (3, 1)	
LS312	Animal Physiology*	3, 1
CH352	Organic Chemistry II*	3, 1
Total units required for emphasis		*45*

**With corresponding lab.*

Cellular & Molecular Biology Emphasis (B.A.)

Cellular & Molecular Biology

The cellular and molecular emphasis prepares students for further studies or careers in research and laboratory science such as genetics and biochemistry. Emphasis will be placed on design features and intricate biochemical mechanisms.

Cellular & Molecular Biology Program Learning Outcomes

1. Apply the principles of molecular processes to analyze and interpret scientific data.
2. Integrate thermodynamics and biochemical pathways to describe metabolism.

B.A. Biological Sciences Core Courses

CH151	General Chemistry I*	3, 1
CH152	General Chemistry II*	3, 1
CH351	Organic Chemistry I*	3, 1
LS151	Organismic Biology*, **	3, 1
LS220	Research Methods Lab	1
LS252	Cell Biology*	3, 1
LS342	Genetics and Genomics*	3, 1
LS372	Origins	3
LS420	Seminar in Biology	1
LS422	Senior Capstone	1
MA260	Elementary Statistics	3
Total units required for core		*33*

**With corresponding lab. (Ex: take CH151 w/ CH151L).*
*** Fulfills G.E. requirement for Science Lecture and Science Lab.*

Cellular & Molecular Biology Emphasis Courses

B.A. in Biology core courses		33
CH352	Organic Chemistry II*	3, 1
CH461	Biochemistry*	3, 1
LS351	Molecular Genetics*	3, 1
Total units required for emphasis		*45*

**With corresponding lab.*

Environmental Biology Emphasis (B.A.)

Environmental Biology

The environmental biology emphasis prepares students with a scientific understanding of factors related to ecology and the environment, so that they can pursue further studies or careers in fields such as environmental consulting, environmental science, park services, or K-12 life and earth sciences education.

Environmental Biology Program Learning Outcomes

1. Analyze an ecosystem to identify relationships among organisms and that environment.
2. Evaluate conservation strategies to identify consequences on the ecosystem.

B.A. Biological Sciences Core Courses

CH151	General Chemistry I*	3, 1
CH152	General Chemistry II*	3, 1
CH351	Organic Chemistry I*	3, 1
LS151	Organismic Biology*, **	3, 1
LS220	Research Methods Lab	1
LS252	Cell Biology*	3, 1
LS342	Genetics and Genomics*	3, 1
LS372	Origins	3
LS420	Seminar in Biology	1
LS422	Senior Capstone	1
MA260	Elementary Statistics	3
Total units required for core		*33*

**With corresponding lab. (Ex: take CH151 w/ CH151L).*
*** Fulfills G.E. requirement for Science Lecture and Science Lab.*

Environmental Biology Emphasis Courses

B.A. in Biology core courses		33
One of the following		*4*
	LS241 Ecology and Environmental Science* (3, 1)	
	LS341 Ecology* (3, 1)	
LS318	Conservation Biology & Sustainability*	3, 1
GS452	Environmental Geoscience*	3, 1
Total units required for emphasis		*45*

**With corresponding lab.*

Life Sciences Education Emphasis (B.A.)

Life Sciences Education

The life sciences education emphasis provides rigorous preparation to teach middle and upper school science. Upon completion, students will be prepared to continue their pursuit of a teaching credential.

Life Sciences Education Program Learning Outcomes

1. Demonstrate a working knowledge of vertebrate and invertebrate natural history, systematics, comparative anatomy, and their applications to biological origins.
2. Effectively conduct selected field research techniques in plant and animal ecology.
3. Demonstrate a working knowledge of the interrelationship among species, population dynamics, and the study of human impacts on ecosystems as it relates to stewardship ecology.

B.A. Biological Sciences Core Courses

CH151	General Chemistry I*	3, 1
CH152	General Chemistry II*	3, 1
CH351	Organic Chemistry I*	3, 1
LS151	Organismic Biology*, **	3, 1
LS220	Research Methods Lab	1
LS252	Cell Biology*	3, 1
LS342	Genetics and Genomics*	3, 1
LS372	Origins	3
LS420	Seminar in Biology	1
LS422	Senior Capstone	1
MA260	Elementary Statistics	3
Total units required for core		*33*

**With corresponding lab. (Ex: take CH151 w/ CH151L).*
*** Fulfills G.E. requirement for Science Lecture and Science Lab.*

Life Sciences Education Emphasis Courses

B.A. in Biology core courses		33
One of the following		*3*
	ED202 Curriculum Instruction & Learning Theory (3)*	
	ED301 Cultural & Linguistic Diversity in Teaching (3)*	
ED400	Foundations of Education*	3
	Or ED101, ED202, and ED301	
P321	History and Philosophies of Education*◊	3
Total units required for emphasis		*42*

**Prerequisite for TMU's Multiple Subject Teaching Credential Program: must pass with a B- or better.*
◊Fulfills G.E. requirement for P311

Paleontology/Natural History Emphasis (B.A.)

Paleontology/Natural History

The paleontology/natural history emphasis prepares students to understand the history of life on earth. Students will be prepared for further studies or careers in fields such as paleontology, paleontological consulting, park services, and K-12 life and earth sciences education.

Paleontology/Natural History Program Learning Outcomes

1. Analyze an ecosystem to identify relationships among organisms and that environment.
2. Interpret geological processes using the fossil record.

B.A. Biological Sciences Core Courses

CH151	General Chemistry I*	3, 1
CH152	General Chemistry II*	3, 1
CH351	Organic Chemistry I*	3, 1
LS151	Organismic Biology*, **	3, 1
LS220	Research Methods Lab	1
LS252	Cell Biology*	3, 1
LS342	Genetics and Genomics*	3, 1
LS372	Origins	3
LS420	Seminar in Biology	1
LS422	Senior Capstone	1
MA260	Elementary Statistics	3
Total units required for core		*33*

**With corresponding lab. (Ex: take CH151 w/ CH151L).*
*** Fulfills G.E. requirement for Science Lecture and Science Lab.*

Paleontology/Natural History Emphasis Courses

B.A. in Biology core courses		33
GS150	Essentials of Geology*	3, 1
One of the following		*4*
	LS241 Ecology and Environmental Science* (3, 1)	
	LS341 Ecology* (3, 1)	
LS375	Vertebrate Paleontology*	3, 1
Total units required for emphasis		*45*

**With corresponding lab.*

Pre-Allied Health Emphasis | Pre-Dentistry Emphasis | Pre-Medicine Emphasis (B.A.)

Pre-Allied Health | Pre-Dentistry | Pre-Medicine
The pre-allied health, pre-dentistry, and pre-medical emphasis provides a rigorous set of physical and life-science coursework in preparation for post-graduate examinations such as the MCAT, or GRE. Graduates from this discipline will be prepared to pursue careers in the health sciences field including medicine, dentistry, pharmacology, and other health related fields.

Pre-Allied Health | Pre-Dentistry | Pre-Medicine Program Learning Outcomes

1. Analyze an ecosystem to identify relationships among organisms and that environment.
2. Integrate thermodynamics and biochemical pathways to describe metabolism.

B.A. Biological Sciences Core Courses

CH151	General Chemistry I*	3, 1
CH152	General Chemistry II*	3, 1
CH351	Organic Chemistry I*	3, 1
LS151	Organismic Biology*, **	3, 1
LS220	Research Methods Lab	1
LS252	Cell Biology*	3, 1
LS342	Genetics and Genomics*	3, 1
LS372	Origins	3
LS420	Seminar in Biology	1
LS422	Senior Capstone	1
MA260	Elementary Statistics	3
Total units required for core		*33*

**With corresponding lab. (Ex: take CH151 w/ CH151L).*
*** Fulfills G.E. requirement for Science Lecture and Science Lab.*

Pre-Allied Health | Pre-Dentistry | Pre-Medicine Emphasis Courses

B.A. in Biology core courses		33
One of the following		*4*
	LS241 Ecology and Environmental Science* (3, 1)	
	LS341 Ecology* (3, 1)	
CH352	Organic Chemistry II*	3, 1
CH461	Biochemistry*	3, 1
Total units required for emphasis		*45*

**With corresponding lab.*

Pre-Nursing Emphasis (B.A.)

Pre-Nursing
The pre-nursing emphasis provides rigorous preparation in the foundational, core sciences including chemistry, biology, human anatomy, and human physiology in preparation for further studies for nursing licensure. Upon completion, students may be eligible to apply for accelerated programs for nursing studies.

Pre-Nursing Program Learning Outcomes

1. Analyze patterns of physiological processes to explain how humans maintain homeostasis.
2. Analyze the form and function of pathogens to identify and predict pathogenicity.

B.A. Biological Sciences Core Courses

CH151	General Chemistry I*	3, 1
CH152	General Chemistry II*	3, 1
CH351	Organic Chemistry I*	3, 1
LS151	Organismic Biology*, **	3, 1
LS220	Research Methods Lab	1
LS252	Cell Biology*	3, 1
LS342	Genetics and Genomics*	3, 1
LS372	Origins	3
LS420	Seminar in Biology	1
LS422	Senior Capstone	1
MA260	Elementary Statistics	3
Total units required for core		*33*

**With corresponding lab. (Ex: take CH151 w/ CH151L).*
*** Fulfills G.E. requirement for Science Lecture and Science Lab.*

Pre-Nursing Emphasis Courses

B.A. in Biology core courses		33
LS321	Human Anatomy*	3, 1
LS322	Human Physiology*	3, 1
LS362	Medical Microbiology*	3, 1
Total units required for emphasis		*45*

**With corresponding lab.*

Bachelor of Science in Biological Sciences

Biological Sciences Core Course (B.S.)

Biological Sciences Core Program Learning Outcomes

1. Employ the methods of science to solve research questions.
2. Employ a knowledge of cell structure and function to analyze and interpret scientific data.
3. Apply taxonomy, phylogeny, and diversification of living organisms to analyze and interpret scientific data.
4. Apply the principles of inheritance and use genomes to compare organisms and diagnose disease.
5. Integrate Scripture and science to explain God's revealed Truth.
6. Employ mathematical tools to analyze data and solve research questions. *(B.S. Core only.)*

B.S. Biological Sciences Core Courses

CH151	General Chemistry I*	3, 1
CH152	General Chemistry II*	3, 1
CH351	Organic Chemistry I*	3, 1
LS151	Organismic Biology*, **	3, 1
LS220	Research Methods Lab	1
LS252	Cell Biology*	3, 1
LS342	Genetics and Genomics*	3, 1
LS372	Origins	3
LS420	Seminar in Biology	1
LS422	Senior Capstone	1
MA260	Elementary Statistics	3
One of the following		*4*
	PS251 General Physics I* (3, 1)	
	PS211 College Physics I* (3, 1)	
One of the following		*4*
	PS252 General Physics II* (3, 1)	
	PS212 College Physics II* (3, 1)	
Total units required for core		*41*

**With corresponding lab. (Ex: take CH151 w/ CH151L).*

*** Fulfills G.E. requirement for Science Lecture and Science Lab.*

Animal Science/Pre-Veterinary Emphasis (B.S.)

Animal Science/Pre-Veterinary

The animal science/pre-veterinary curriculum prepares students for careers or additional studies in an animal related field such as a veterinarian, veterinary technician, zoologist, zookeeper, or park ranger.

Animal Science/Pre-Veterinary Medicine

1. Analyze an ecosystem to identify relationships among organisms and that environment.
2. Analyze patterns of physiological processes to explain how various animal groups maintain homeostasis.

B.S. Biological Sciences Core Courses

CH151 General Chemistry I* 3, 1
CH152 General Chemistry II* 3, 1
CH351 Organic Chemistry I* 3, 1
LS151 Organismic Biology*, ** 3, 1
LS220 Research Methods Lab 1
LS252 Cell Biology* 3, 1
LS342 Genetics and Genomics* 3, 1
LS372 Origins 3
LS420 Seminar in Biology 1
LS422 Senior Capstone 1
MA260 Elementary Statistics 3
One of the following *4*
PS251 General Physics I* (3, 1)
PS211 College Physics I* (3, 1)
One of the following *4*
PS252 General Physics II* (3, 1)
PS212 College Physics II* (3, 1)
Total units required for core *41*

**With corresponding lab. (Ex: take CH151 w/ CH151L).*
*** Fulfills G.E. requirement for Science Lecture and Science Lab.*

Animal Science/Pre-Vet Emphasis Courses

B.S. in Biology core courses 41
One of the following *4*
LS241 Ecology and Environmental Science* (3, 1)
LS341 Ecology* (3, 1)
LS312 Animal Physiology* 3, 1
CH352 Organic Chemistry II* 3, 1
Additional requirements *11*
CH461 Biochemistry* (3, 1)
CS348S Data Science for Scientists and Engineers (3)
LS302 Comparative Anatomy* (3, 1)
LS318 Conservation Biology & Sustainability* (3, 1)
LS331 Developmental Biology* (3, 1)
LS346 Marine Biology* (3, 1)
LS348 Biological Field Studies *(can be repeated for credit)* (3-4)
LS355 Parasitology* (3, 1)
LS361 Immunology* (3, 1)
LS362 Medical Microbiology* (3, 1)
LS375 Vertebrate Paleontology* (3, 1)
LS381 Neurobiology* (3, 1)
LS388 Mathematical Ecology (3)
LS428 Research in Biology (1-4)
Total units required for emphasis *64*

**With corresponding lab.*

Cellular & Molecular Biology Emphasis (B.S.)

Cellular & Molecular Biology

The cellular and molecular emphasis prepares students for further studies or careers in research and laboratory science such as genetics and biochemistry. Emphasis will be placed on design features and intricate biochemical mechanisms.

Cellular & Molecular Biology Program Learning Outcomes

1. Apply the principles of molecular processes to analyze and interpret scientific data.
2. Integrate thermodynamics and biochemical pathways to describe metabolism.

B.S. Biological Sciences Core Courses

CH151 General Chemistry I* 3, 1
CH152 General Chemistry II* 3, 1
CH351 Organic Chemistry I* 3, 1
LS151 Organismic Biology*, ** 3, 1
LS220 Research Methods Lab 1
LS252 Cell Biology* 3, 1
LS342 Genetics and Genomics* 3, 1
LS372 Origins 3
LS420 Seminar in Biology 1
LS422 Senior Capstone 1
MA260 Elementary Statistics 3
One of the following *4*
PS251 General Physics I* (3, 1)
PS211 College Physics I* (3, 1)
One of the following *4*
PS252 General Physics II* (3, 1)
PS212 College Physics II* (3, 1)
Total units required for core *41*

**With corresponding lab. (Ex: take CH151 w/ CH151L).*
*** Fulfills G.E. requirement for Science Lecture and Science Lab.*

Cellular & Molecular Biology Emphasis Courses

B.S. in Biology core courses 41
CH352 Organic Chemistry II* 3, 1
CH461 Biochemistry* 3, 1
LS351 Molecular Genetics* 3, 1
Additional requirements *11*
CS348S Data Science for Scientists and Engineers (3)
LS331 Developmental Biology* (3, 1)
LS355 Parasitology* (3, 1)
LS361 Immunology* (3, 1)
LS362 Medical Microbiology* (3, 1)
LS381 Neurobiology* (3, 1)
LS388 Mathematical Ecology (3)
LS428 Research in Biology (1-4)
Total units required for emphasis *64*

**With corresponding lab.*

Environmental Biology Emphasis (B.S.)

Environmental Biology

The environmental biology emphasis prepares students with a scientific understanding of factors related to ecology and the environment, so that they can pursue further studies or careers in fields such as environmental consulting, environmental science, park services, or K-12 life and earth sciences education.

Environmental Biology Program Learning Outcomes

1. Analyze an ecosystem to identify relationships among organisms and that environment.
2. Evaluate conservation strategies to identify consequences on the ecosystem.

B.S. Biological Sciences Core Courses

CH151	General Chemistry I*	3, 1
CH152	General Chemistry II*	3, 1
CH351	Organic Chemistry I*	3, 1
LS151	Organismic Biology*, **	3, 1
LS220	Research Methods Lab	1
LS252	Cell Biology*	3, 1
LS342	Genetics and Genomics*	3, 1
LS372	Origins	3
LS420	Seminar in Biology	1
LS422	Senior Capstone	1
MA260	Elementary Statistics	3
One of the following		*4*
	PS251 General Physics I* (3, 1)	
	PS211 College Physics I* (3, 1)	
One of the following		*4*
	PS252 General Physics II* (3, 1)	
	PS212 College Physics II* (3, 1)	
Total units required for core		*41*

**With corresponding lab. (Ex: take CH151 w/ CH151L).*
*** Fulfills G.E. requirement for Science Lecture and Science Lab.*

Environmental Biology Emphasis Courses

B.S. in Biology core courses		41
One of the following		4
	LS241 Ecology and Environmental Science* (3, 1)	
	LS341 Ecology* (3, 1)	
LS318	Conservation Biology & Sustainability*	3, 1
GS452	Environmental Geoscience*	3, 1
Additional requirements		*11*
	CH352 Organic Chemistry II* (3, 1)	
	CS348S Data Science for Scientists and Engineers (3)	
	GS150 Essentials of Geology* (3, 1)	
	GS252 Historical Geology* (3, 1)	
	GS321 Mineralogy* (3, 1)	
	LS302 Comparative Anatomy* (3, 1)	
	LS312 Animal Physiology* (3, 1)	
	LS346 Marine Biology* (3, 1)	
	LS348 Biological Field Studies *(can be repeated for credit)* (3-4)	
	LS355 Parasitology* (3, 1)	
	LS362 Medical Microbiology* (3, 1)	
	LS375 Vertebrate Paleontology* (3, 1)	
	LS428 Research in Biology (1-4)	
Total units required for emphasis		*64*

**With corresponding lab.*

Life Sciences Education Emphasis (B.S.)

Life Sciences Education

The life sciences education emphasis provides rigorous preparation to teach middle and upper school science. Upon completion, students will be prepared to continue their pursuit of a teaching credential.

Life Sciences Education Program Learning Outcomes

3. Demonstrate a working knowledge of vertebrate and invertebrate natural history, systematics, comparative anatomy, and their applications to biological origins.
4. Effectively conduct selected field research techniques in plant and animal ecology.
5. Demonstrate a working knowledge of the interrelationship among species, population dynamics, and the study of human impacts on ecosystems as it relates to stewardship ecology.

B.S. Biological Sciences Core Courses

CH151	General Chemistry I*	3, 1
CH152	General Chemistry II*	3, 1
CH351	Organic Chemistry I*	3, 1
LS151	Organismic Biology*, **	3, 1
LS220	Research Methods Lab	1
LS252	Cell Biology*	3, 1
LS342	Genetics and Genomics*	3, 1
LS372	Origins	3
LS420	Seminar in Biology	1
LS422	Senior Capstone	1
MA260	Elementary Statistics	3
One of the following		*4*
	PS251 General Physics I* (3, 1)	
	PS211 College Physics I* (3, 1)	
One of the following		*4*
	PS252 General Physics II* (3, 1)	
	PS212 College Physics II* (3, 1)	
Total units required for core		*41*

**With corresponding lab. (Ex: take CH151 w/ CH151L).*
*** Fulfills G.E. requirement for Science Lecture and Science Lab.*

Life Sciences Education Emphasis Courses

B.S. in Biology core courses		41
Biology, Chemistry, & Geology electives		14
One of the following		*3*
	ED202 Curriculum Instruction & Learning Theory (3)*	
	ED301 Cultural & Linguistic Diversity in Teaching (3)*	
ED400	Foundations of Education*	3
	Or ED101, ED202, and ED301	
P321	History and Philosophies of Education*◊	3
Total units required for emphasis		*64*

**Prerequisite for TMU's Multiple Subject Teaching Credential Program: must pass with a B- or better.*
◊Fulfills G.E. requirement for P311

Paleontology/Natural History Emphasis (B.S.)

Paleontology/Natural History

The paleontology/natural history emphasis prepares students to understand the history of life on earth. Students will be prepared for further studies or careers in fields such as paleontology, paleontological consulting, park services, and K-12 life and earth sciences education.

Paleontology/Natural History Program Learning Outcomes

1. Analyze an ecosystem to identify relationships among organisms and that environment.
2. Interpret geological processes using the fossil record.

B.S. Biological Sciences Core Courses

CH151	General Chemistry I*	3, 1
CH152	General Chemistry II*	3, 1
CH351	Organic Chemistry I*	3, 1
LS151	Organismic Biology*, **	3, 1
LS220	Research Methods Lab	1
LS252	Cell Biology*	3, 1
LS342	Genetics and Genomics*	3, 1
LS372	Origins	3
LS420	Seminar in Biology	1
LS422	Senior Capstone	1
MA260	Elementary Statistics	3
One of the following		*4*
	PS251 General Physics I* (3, 1)	
	PS211 College Physics I* (3, 1)	
One of the following		*4*
	PS252 General Physics II* (3, 1)	
	PS212 College Physics II* (3, 1)	
Total units required for core		*41*

**With corresponding lab. (Ex: take CH151 w/ CH151L).*
*** Fulfills G.E. requirement for Science Lecture and Science Lab.*

Paleontology/Natural History Emphasis Courses

B.S. in Biology core courses		41
GS150	Essentials of Geology*,**	3, 1
LS375	Vertebrate Paleontology*	3, 1
One of the following		*4*
	LS241 Ecology and Environmental Science* (3, 1)	
	LS341 Ecology* (3, 1)	
Additional requirements		*11*
	CH352 Organic Chemistry II* (3, 1)	
	CS348S Data Science for Scientists and Engineers (3)	
	GS252 Historical Geology* (3, 1)	
	GS321 Mineralogy* (3, 1)	
	GS322 Petrology* (3, 1)	
	GS472 Sedimentology and Stratigraphy* (3, 1)	
	LS302 Comparative Anatomy* (3, 1)	
	LS307 Biology of Dinosaurs (3)	
	LS346 Marine Biology (3)	
	LS428 Research in Biology (1-4)	
Total units required for emphasis		*64*

**With corresponding lab.*
***Fulfills G.E. requirement.*

Pre-Allied Health Emphasis | Pre-Dentistry Emphasis | Pre-Medicine Emphasis (B.S.)

Pre-Allied Health | Pre-Dentistry | Pre-Medicine

The pre-allied health, pre-dentistry, and pre-medical emphasis provides a rigorous set of physical and life-science coursework in preparation for post-graduate examinations such as the MCAT, or GRE. Graduates from this discipline will be prepared to pursue careers in the health sciences field including medicine, dentistry, pharmacology, and other health related fields.

Pre-Allied Health | Pre-Dentistry | Pre-Medicine Program Learning Outcomes

1. Analyze an ecosystem to identify relationships among organisms and that environment.
2. Integrate thermodynamics and biochemical pathways to describe metabolism.

B.S. Biological Sciences Core Courses

CH151 General Chemistry I* 3, 1
CH152 General Chemistry II* 3, 1
CH351 Organic Chemistry I* 3, 1
LS151 Organismic Biology*, ** 3, 1
LS220 Research Methods Lab 1
LS252 Cell Biology* 3, 1
LS342 Genetics and Genomics* 3, 1
LS372 Origins 3
LS420 Seminar in Biology 1
LS422 Senior Capstone 1
MA260 Elementary Statistics 3
One of the following *4*
PS251 General Physics I* (3, 1)
PS211 College Physics I* (3, 1)
One of the following *4*
PS252 General Physics II* (3, 1)
PS212 College Physics II* (3, 1)
Total units required for core *41*

**With corresponding lab. (Ex: take CH151 w/ CH151L).*
*** Fulfills G.E. requirement for Science Lecture and Science Lab.*

Pre-Allied Health | Pre-Dentistry | Pre-Medicine Emphasis Courses

B.S. in Biology core courses 41
One of the following *4*
LS241 Ecology and Environmental Science* (3, 1)
LS341 Ecology* (3, 1)
CH352 Organic Chemistry II* 3, 1
CH461 Biochemistry* 3, 1
Additional requirements *11*
CS348S Data Science for Scientists and Engineers (3)
KIN321D Special Topics: Pathophysiology (2)
LS302 Comparative Anatomy* (3, 1)
LS321 Human Anatomy* (3, 1)
LS322 Human Physiology* (3, 1)
LS331 Developmental Biology* (3, 1)
LS351 Molecular Genetics* (3, 1)
LS352 Medical Physiology* (3, 1)
LS355 Parasitology* (3, 1)
LS361 Immunology* (3, 1)
LS362 Medical Microbiology* (3, 1)
LS381 Neurobiology* (3, 1)
LS428 Research in Biology (1-4)
Total units required for emphasis *64*

**With corresponding lab.*

Pre-Nursing Emphasis (B.S.)

Pre-Nursing

The pre-nursing emphasis provides rigorous preparation in the foundational, core sciences including chemistry, biology, human anatomy, and human physiology in preparation for further studies for nursing licensure. Upon completion, students may be eligible to apply for accelerated programs for nursing studies.

Pre-Nursing Program Learning Outcomes

1. Analyze patterns of physiological processes to explain how humans maintain homeostasis.
2. Analyze the form and function of pathogens to identify and predict pathogenicity.

B.S. Biological Sciences Core Courses

CH151	General Chemistry I*	3, 1
CH152	General Chemistry II*	3, 1
CH351	Organic Chemistry I*	3, 1
LS151	Organismic Biology*, **	3, 1
LS220	Research Methods Lab	1
LS252	Cell Biology*	3, 1
LS342	Genetics and Genomics*	3, 1
LS372	Origins	3
LS420	Seminar in Biology	1
LS422	Senior Capstone	1
MA260	Elementary Statistics	3
One of the following		*4*
	PS251 General Physics I* (3, 1)	
	PS211 College Physics I* (3, 1)	
One of the following		*4*
	PS252 General Physics II* (3, 1)	
	PS212 College Physics II* (3, 1)	
Total units required for core		*41*

**With corresponding lab. (Ex: take CH151 w/ CH151L).*
*** Fulfills G.E. requirement for Science Lecture and Science Lab.*

Pre-Nursing Emphasis Courses

B.S. in Biology core courses		41
LS321	Human Anatomy*	3, 1
LS322	Human Physiology*	3, 1
LS362	Medical Microbiology*	3, 1
Additional requirements		*11*
	CH352 Organic Chemistry II* (3, 1)	
	CH461 Biochemistry* (3, 1)	
	KIN321C Special Topics: Medical Ethics (3)	
	KIN321D Special Topics: Pathophysiology (2)	
	KIN353 Essentials of Nutrition (3)	
	LS231/BE302 Human Growth and Development (3)	
	LS331 Developmental Biology* (3, 1)	
	LS352 Medical Physiology* (3, 1)	
	LS361 Immunology* (3, 1)	
	LS381 Neurobiology* (3, 1)	
	LS428 Research in Biology (1-4)	
Total units required for emphasis		*64*

**With corresponding lab.*
Most Bachelor of Science in Nursing (BSN) programs are 4-year programs that include pre-nursing. Many Master of Science in Nursing (MSN) programs are post-bachelor (BS) programs. Our pre-nursing program outlined here offers preparation primarily for BS-BSN or BS-MSN post-bachelor degree programs. Some post-bachelor nursing programs may require additional courses.

Minor

Minor in Biology

For a minor in Biology, the student must complete:

Minor in Biology Courses

CH151	General Chemistry I*	3, 1
CH152	General Chemistry II*	3, 1
LS151	Organismic Biology*	3, 1
LS252	Cell Biology*	3, 1
LS372	Origins	3
Upper division biology and chemistry electives		6
Total units required for minor		*25*

**With corresponding lab. (Ex: take CH151 w/ CH151L).*

Bachelor of Science in Geoscience

The B.S. in Geoscience degree is designed for students seeking an accredited, 4-year, on-campus degree that will prepare them for careers in geological sciences. Study trips to geological sites are a significant part of this program, where students have the opportunity to study God's creation in breathtaking locations like Death Valley and the Grand Canyon.

B.S. in Geoscience degrees are accredited 4-year undergraduate degree programs offered on-campus in Santa Clarita. Students are required to complete 49 Geoscience Core units, 19 Geology Emphasis units, 33 General Education (GE) units, and 21 Bible units. A minimum total of 121 units are required to graduate. Some GE and Bible units may be taken through TMU Online. Students may also compile required classes in the TMU IBEX Israel Semester or in the TMU Italy Summer program.

Geoscience Core Courses

Geoscience Core Program Learning Outcomes.

1. Demonstrate an ability to identify and classify major rocks and minerals.
2. Compare and contrast differing viewpoints of earth history from various theocentric and naturalistic worldviews and how these worldviews shape geological interpretation.
3. Demonstrate the ability to read and interpret geologic maps, including the use of geographic information systems (GIS).
4. Effectively prepare written and oral presentations from primary research literature in the geological sciences.
5. Demonstrate a working knowledge of geological processes including plate tectonics, volcanoes, earthquakes, erosion, and weathering.
6. Demonstrate an in-depth knowledge of the principles of stratigraphy and dating as they are used in correlation and interpreting earth history.

Geoscience Core Courses

CH151	General Chemistry I*	3, 1
CH152	General Chemistry II*	3, 1
GS150	Essentials of Geology*	3, 1
GS252	Historical Geology*	3, 1
GS321	Mineralogy*	3, 1
GS351	GIS & Geomorphology*	3, 1
GS420	Senior Seminar in Geoscience	1
GS422	Senior Capstone in Geoscience	1
GS452	Environmental Geoscience*	3, 1
LS151	Organismic Biology*	3, 1
LS220	Research Methods Lab	1
LS372	Origins	3
MA260	Elementary Statistics	3
Total units required for core		*41*

**With corresponding lab.*

Environmental Science Emphasis

Environmental Science

The environmental science emphasis provides students with an understanding of the biological and physical factors related to the environment and its resources. Students will be prepared for further studies or potential careers in fields such as environmental consulting, environmental science, park services, and K-12 life and earth sciences education.

Environmental Science Program Learning Outcomes

1. Demonstrate a working knowledge of the key current issues in environmental geoscience, including environmental hazards and issues in hydrogeology.
2. Demonstrate an ability to conduct an environmental field survey of an area.

Geoscience Core Courses

CH151	General Chemistry I*	3, 1
CH152	General Chemistry II*	3, 1
GS150	Essentials of Geology*	3, 1
GS252	Historical Geology*	3, 1
GS321	Mineralogy*	3, 1
GS351	GIS & Geomorphology*	3, 1
GS420	Senior Seminar in Geoscience	1
GS422	Senior Capstone in Geoscience	1
GS452	Environmental Geoscience*	3, 1
LS151	Organismic Biology*	3, 1
LS220	Research Methods Lab	1
LS372	Origins	3
MA260	Elementary Statistics	3
Total units required for core		*41*

**With corresponding lab.*

Environmental Science Emphasis Courses

B.S. in Geoscience core courses		41
CH351	Organic Chemistry I*	3, 1
GS332	Hydrogeology*	3, 1
PS211	College Physics I*	3, 1
PS212	College Physics II*	3, 1
One of the following		*4*

LS241 Ecology and Environmental Science* (3, 1)
LS341 Ecology* (3, 1)

Additional requirements *4*

GS322 Petrology* (3, 1)
GS371 Structural Geology* (3, 1)
GS400 PG Exam Preparation (1)
GS428 Research in Geology (1-4)
GS472 Sedimentology and Stratigraphy* (3, 1)
GS490 Geology Field Camp *(not offered at TMU)* (4-6)
LS307 Biology of Dinosaurs (3)
LS318 Conservation Biology & Sustainability* (3, 1)
LS375 Vertebrate Paleontology* (3, 1)
MA121 Calculus I (3)

Total units required for emphasis. *64*

**With corresponding lab.*

Geology Emphasis

Geology

The geology emphasis prepares students with an understanding of the resources, processes, and history of the earth in order to pursue further studies or potential careers in fields such as mining geology, coal and petroleum geology, geological consulting, paleontology, geotechnical engineering, and K-12 earth science teaching.

Geology Program Learning Outcomes

1. Demonstrate an ability to measure strike and dip of folds and faults and to use that data to reconstruct the original undisturbed strata.
2. Demonstrate an ability to construct a stratigraphic column from field measurement of strata and analysis rocks, including their content and contacts.

Geoscience Core Courses

CH151	General Chemistry I*	3, 1
CH152	General Chemistry II*	3, 1
GS150	Essentials of Geology*	3, 1
GS252	Historical Geology*	3, 1
GS321	Mineralogy*	3, 1
GS351	GIS & Geomorphology*	3, 1
GS420	Senior Seminar in Geoscience	1
GS422	Senior Capstone in Geoscience	1
GS452	Environmental Geoscience*	3, 1
LS151	Organismic Biology*	3, 1
LS220	Research Methods Lab	1
LS372	Origins	3
MA260	Elementary Statistics	3
Total units required for core		*41*

**With corresponding lab.*

Geology Emphasis Courses

B.S. in Geoscience core courses		41
GS322	Petrology*	3, 1
GS371	Structural Geology*	3, 1
GS472	Sedimentology and Stratigraphy*	3, 1
MA121	Calculus I	3
PS251	General Physics I*	3, 1
PS252	General Physics II*	3, 1
Additional requirements		*3*

GS332 Hydrogeology* (3, 1)
GS400 PG Exam Preparation (1)
GS428 Research in Geology (1-4)
GS490 Geology Field Camp *(not offered at TMU)* (4-6)
LS307 Biology of Dinosaurs (3)
LS375 Vertebrate Paleontology* (3, 1)

Total units required for emphasis *64*

**With corresponding lab.*

Minor

Minor in Geoscience

For a minor in Geoscience, the student must complete:

Minor in Geoscience Courses

GS150	Essentials of Geology*	3, 1
GS252	Historical Geology*	3, 1
GS351	GIS & Geomorphology*	3, 1
LS372	Origins	3
Upper division biology, geology and chemistry electives*		4
Total units required for minor		*19*

**With corresponding lab.*

DEPARTMENT OF ENGINEERING & COMPUTER SCIENCE

Dr. Joey Kim, Chairperson

The goal of The Master's University Department of Engineering & Computer Science (ECS) is to prepare students to analyze, apply, and advance technology for the honor of Christ and Scripture and for the good of all creation. The Department prepares students to excel in an increasingly complex technical world while living lives that glorify God. An ECS degree helps prepare students for a variety of careers. ECS graduates are highly sought after by employers, and projected employment positions in these fields have a faster than average growth rate. Graduates may also pursue advanced degrees. ECS majors study engineering and computing both in theory and in practice. They also learn about the impact that technology is having on the world, and ways they can be used to honor Christ and Scripture as they pursue it in their careers.

The Department of Engineering & Computer Science offers three engineering degrees and one computer science degree. Computer Science can be pursued with seven emphases: Artificial Intelligence, Computing Systems, Electrical Engineering, Information Systems, Mathematics, and Mechanical Engineering. Engineering degrees can be achieved in Computer Engineering, Electrical Engineering, and Mechanical Engineering.

Program Policies

Comprehensive Exam

Students graduating with a degree in the ECS department will be required to take a comprehensive discipline-specific examination during their senior year, prior to graduation.

Grade Requirement

All ECS majors are required to earn a grade of C or above in all courses in their major.
A student earning a grade below C must repeat the course until a grade of C or above is earned.

Engineering Lab Fee

All engineering majors (CS majors not included) will be charged a laboratory fee each semester in lieu of individual course fees to cover the cost of maintaining engineering equipment and providing laboratory safety.

Online Course Policy

For the purposes of this policy, a Traditional student is a TMU student who declares and is currently pursuing a Traditional curriculum as indicated on his/her academic record. The upper division major courses required for degrees offered by the School of Science, Mathematics, Technology, and Health do not overlap with any courses currently offered by TMU Online. Thus, the school does not impose any major-specific limit on the number of online courses traditional students may take in any given term or over the course of their degree program.

Transfer Policy

Credit by Examination

Students may receive credit by examination as follows:

1. Credit may be granted for Introduction to Computer Programming (CS121P) and/or Calculus I (MA121).
2. Credit may be granted if the student submits proof of earned test scores of 3 or above on the appropriate Advanced Placement tests of the College Board.
3. The department reserves the right to interview and/or retest students before granting credit by examination.

Bachelor of Science in Computer Science

The Computer Science (CS) degree is designed to establish students in the core knowledge and principles of computation, both hardware and software. The goal of the program is balanced breadth and depth in the main elements of modern computing systems, languages, and technologies. Every CS student completes the core CS courses and then takes additional courses in his/her selected emphasis. An emphasis must be chosen from one of six areas: Artificial Intelligence, Computing Systems, Electrical Engineering, Information Systems, Mathematics, and Mechanical Engineering.

Computer Science Core Courses

Computer Science Core Program Learning Outcomes

1. Analyze, apply, and advance technology for the honor of Christ and Scripture and for the good of all creation.
2. Analyze a complex computing problem and apply principles of computing and other relevant disciplines to identify solutions.
3. Design, implement, and evaluate a computing-based solution to meet a given set of computing requirements in the context of the program's discipline.
4. Communicate effectively in a variety of professional contexts.
5. Recognize professional responsibilities and make informed judgments in computing practice based on legal and ethical principles.
6. Function effectively as a member or leader of a team engaged in activities appropriate to the program's discipline.
7. Apply computer science theory and software development fundamentals to produce computing-based solutions.
8. Demonstrate a working knowledge of techniques, skills, and tools necessary for computing practice.
9. Demonstrate a working knowledge of principles and practices for secure computing.
10. Demonstrate a working knowledge of local and global impacts of computing solutions on individuals, organizations, and society.
11. Demonstrate a working knowledge of algorithms and complexity, computer science theory, programming language concepts, and software development.
12. Demonstrate a working knowledge of two general-purpose programming languages.
13. Demonstrate a working knowledge of computer architecture and organization, information management, networking and communication, operating systems, and parallel and distributed computing.
14. Demonstrate a working knowledge of computing-based systems at varying levels of abstraction.
15. Complete a major project that requires integration and application of knowledge and skills acquired in earlier course work.
16. Demonstrate a working knowledge of calculus, linear algebra, discrete mathematics, and elementary statistics.
17. Demonstrate a working knowledge of two different natural sciences.

Computer Science Core Courses

CS121P	Introduction to Computer Programming	3
CS122J	JavaScript Essentials	3
CS132S	Data Structures & Algorithms	3
CS202H	Computer Hardware	3
CS301A	Computer Organization & Architecture	3
CS312N	Networking Principles & Architecture	3
CS321O	Operating Systems	3
CS321P	Programming Languages & Theory	3
CS322A	Algorithms & Complexity	3
CS322E	Software Engineering	3
CS342D	Database Management Systems	3
CS351S	Computer Security	3
CS490I	Internship*	2
CS492S	Senior Seminar	3
MA121	Calculus I	3
MA122	Calculus II	3
MA231	Linear Algebra	3
MA253	Discrete Mathematics	3
MA260	Elementary Statistics	3
Three units of the following		*3*
	CH151 General Chemistry I (3)	
	GS150 Essentials of Geology (3)**	
	LS150 Essentials of Biology (3)**	
	PS251 General Physics I (3)	
Total units required for core courses		*59*

**1 unit required for Electrical Engineering emphasis.*

***If not taken to satisfy general education science requirement.*

Artificial Intelligence Emphasis

Artificial Intelligence

The Artificial Intelligence emphasis is designed to give students a rigorous introduction to AI and its major sub-fields. It emphasizes core AI techniques and methods while also introducing more advanced, state-of-the-art practices. The main sub-fields that are stressed are machine learning, natural language processing, and computer vision.

Artificial Intelligence Program Learning Outcomes

1. Demonstrate a working knowledge of artificial intelligence, including machine learning, natural language processing, and computer vision.

Computer Science Core Courses

CS121P	Introduction to Computer Programming	3
CS122J	JavaScript Essentials	3
CS132S	Data Structures & Algorithms	3
CS202H	Computer Hardware	3
CS301A	Computer Organization & Architecture	3
CS312N	Networking Principles & Architecture	3
CS321O	Operating Systems	3
CS321P	Programming Languages & Theory	3
CS322A	Algorithms & Complexity	3
CS322E	Software Engineering	3
CS342D	Database Management Systems	3
CS351S	Computer Security	3
CS490I	Internship	2
CS492S	Senior Seminar	3
MA121	Calculus I	3
MA122	Calculus II	3
MA231	Linear Algebra	3
MA253	Discrete Mathematics	3
MA260	Elementary Statistics	3
Three units of the following		*3*

CH151 General Chemistry I (3)
GS150 Essentials of Geology (3)*
LS150 Essentials of Biology (3)*
PS251 General Physics I (3)

Total units required for core courses *59*

**If not taken to satisfy general education science requirement.*

Artificial Intelligence Emphasis Courses

Computer Science core courses		59
CS361A	Artificial Intelligence	3
CS361M	Machine Learning	3
CS362N	Natural Language Processing	3
CS362V	Computer Vision	3
Total units required for emphasis		*71*

Computing Systems Emphasis

Computing Systems

The Computing Systems emphasis is designed to give students a foundation in the science of computers. It focuses on the technical side of computing, presenting basic theoretical material while maintaining a practical focus.

Computing Systems Program Learning Outcomes

1. Demonstrate a working knowledge of computing systems, including systems programming and C/C++, Linux, Java programming, and web application development.

Computer Science Core Courses

CS121P	Introduction to Computer Programming	3
CS122J	JavaScript Essentials	3
CS132	Data Structures & Algorithms	3
CS202	Computer Hardware	3
CS301	Computer Organization & Architecture	3
CS312N	Networking Principles & Architecture	3
CS321O	Operating Systems	3
CS321P	Programming Languages & Theory	3
CS322A	Algorithms & Complexity	3
CS322E	Software Engineering	3
CS342D	Database Management Systems	3
CS351S	Computer Security	3
CS490I	Internship	2
CS492S	Senior Seminar	3
MA121	Calculus I	3
MA122	Calculus II	3
MA231	Linear Algebra	3
MA253	Discrete Mathematics	3
MA260	Elementary Statistics	3
Three units of the following		*3*

CH151 General Chemistry I (3)
GS150 Essentials of Geology (3)*
LS150 Essentials of Biology (3)*
PS251 General Physics I (3)

Total units required for core courses *59*

**If not taken to satisfy general education science requirement.*

Computing Systems Emphasis Courses

Computer Science core courses		59
CS302C	Systems Programming & C/C++	3
CS321X	Linux	3
CS322J	Java Programming	3
CS341W	Web Application Development	3
Total units required for emphasis		*71*

Electrical Engineering Emphasis

Computing Systems

The Electrical Engineering emphasis is designed to give students majoring in computer science more extensive preparation in the electrical engineering aspects of computer hardware. This emphasis and the computer engineering major have some overlap but different orientations. This emphasis focuses upon computer science with some exposure to electrical engineering, while the computer engineering major focuses upon electrical engineering with some exposure to computer science.

Electrical Engineering Program Learning Outcomes

1. Demonstrate a working knowledge of electrical engineering, including microelectronics as well as both analog and digital electric circuits.

Computer Science Core Courses

CS121P	Introduction to Computer Programming	3
CS122J	JavaScript Essentials	3
CS132	Data Structures & Algorithms	3
CS202	Computer Hardware	3
CS301	Computer Organization & Architecture	3
CS312N	Networking Principles & Architecture	3
CS321O	Operating Systems	3
CS321P	Programming Languages & Theory	3
CS322A	Algorithms & Complexity	3
CS322E	Software Engineering	3
CS342D	Database Management Systems	3
CS351S	Computer Security	3
CS490I	Internship	1
CS492S	Senior Seminar	3
MA121	Calculus I	3
MA122	Calculus II	3
MA231	Linear Algebra	3
MA253	Discrete Mathematics	3
MA260	Elementary Statistics	3
Three units of the following		*3*

CH151 General Chemistry I (3)
GS150 Essentials of Geology (3)*
LS150 Essentials of Biology (3)*
PS251 General Physics I (3)

Total units required for core courses *58*

**If not taken to satisfy general education science requirement.*

Electrical Engineering Emphasis Courses

Computer Science core courses		59
ECE311	Analog Circuits	3
ECE311L	Analog Circuits Lab	1
ECE312	Microelectronics	3
ECE312L	Microelectronics Lab	2
ECE321	Digital System Design	3
ECE321L	Digital Design Lab	1
Total units required for emphasis		*71*

Information Systems Emphasis

Information Systems

The Information Systems emphasis approaches computers from a business-oriented perspective. It emphasizes business processes and how computers can be used to improve them. Analysis and design are stressed, along with an appropriate knowledge of business principles.

Information Systems Program Learning Outcomes

1. Demonstrate a working knowledge of information systems, including accounting fundamentals, management theory, cloud administration, and project management and enterprise software.

Computer Science Core Courses

CS121P	Introduction to Computer Programming	3
CS122J	JavaScript Essentials	3
CS132S	Data Structures & Algorithms	3
CS202H	Computer Hardware	3
CS301A	Computer Organization & Architecture	3
CS312N	Networking Principles & Architecture	3
CS321O	Operating Systems	3
CS321P	Programming Languages & Theory	3
CS322A	Algorithms & Complexity	3
CS322E	Software Engineering	3
CS342D	Database Management Systems	3
CS351S	Computer Security	3
CS490I	Internship	2
CS492S	Senior Seminar	3
MA121	Calculus I	3
MA122	Calculus II	3
MA231	Linear Algebra	3
MA253	Discrete Mathematics	3
MA260	Elementary Statistics	3
Three units of the following		*6*
	CH151 General Chemistry I (3)	
	GS150 Essentials of Geology (3)*	
	LS150 Essentials of Biology (3)*	
	PS251 General Physics I (3)	
Total units required for core courses		*59*

**If not taken to satisfy general education science requirement.*

Information Systems Emphasis Courses

Computer Science core courses		59
ACC210	Accounting Fundamentals I	3
CS311C	Cloud Administration	3
CS392M	Project Management & Enterprise Software	3
MGT310	Management Theory	3
Total units required for emphasis		71

Mathematics Emphasis

Mathematics

The Mathematics emphasis is designed to give students majoring in computer science more extensive preparation in mathematics.

Mathematics Program Learning Outcomes

1. Demonstrate a working knowledge of advanced mathematics, including advanced calculus, ordinary differential equations, and probability.

Computer Science Core Courses

CS121P	Introduction to Computer Programming	3
CS122J	JavaScript Essentials	3
CS132S	Data Structures & Algorithms	3
CS202H	Computer Hardware	3
CS301A	Computer Organization & Architecture	3
CS312N	Networking Principles & Architecture	3
CS321O	Operating Systems	3
CS321P	Programming Languages & Theory	3
CS322A	Algorithms & Complexity	3
CS322E	Software Engineering	3
CS342D	Database Management Systems	3
CS351S	Computer Security	3
CS490I	Internship	2
CS492S	Senior Seminar	3
MA121	Calculus I	3
MA122	Calculus II	3
MA231	Linear Algebra	3
MA253	Discrete Mathematics	3
MA260	Elementary Statistics	3
Three units of the following		*6*

CH151 General Chemistry I (3)
GS150 Essentials of Geology (3)*
LS150 Essentials of Biology (3)*
PS251 General Physics I (3)

Total units required for core courses *59*

**If not taken to satisfy general education science requirement.*

Mathematics Emphasis Courses

Computer Science core courses		59
MA221	Calculus III	3
MA282	Ordinary Differential Equations	3
MA365	Probability	3
Additional upper division mathematics elective		3
Total units required for emphasis		71

Mechanical Engineering Emphasis

Mechanical Engineering

The Mechanical Engineering emphasis is designed to give students majoring in computer science exposure to mechanical engineering concepts, augmenting the study of bits with bolts.

Mechanical Engineering Program Learning Outcomes

1. Demonstrate a working knowledge of mechanical engineering, including statics, dynamics, and computer-aided design (CAD) software.

Computer Science Core Courses

CS121P	Introduction to Computer Programming	3
CS122J	JavaScript Essentials	3
CS132S	Data Structures & Algorithms	3
CS202H	Computer Hardware	3
CS301A	Computer Organization & Architecture	3
CS312N	Networking Principles & Architecture	3
CS321O	Operating Systems	3
CS321P	Programming Languages & Theory	3
CS322A	Algorithms & Complexity	3
CS322E	Software Engineering	3
CS342D	Database Management Systems	3
CS351S	Computer Security	3
CS490I	Internship	2
CS492S	Senior Seminar	3
MA121	Calculus I	3
MA122	Calculus II	3
MA231	Linear Algebra	3
MA253	Discrete Mathematics	3
MA260	Elementary Statistics	3
Three units of the following		*6*

CH151 General Chemistry I (3)
GS150 Essentials of Geology (3)*
LS150 Essentials of Biology (3)*
PS251 General Physics I (3)

Total units required for core courses *59*

**If not taken to satisfy general education science requirement.*

Mechanical Engineering Emphasis Courses

Computer Science core courses		59
ME211	CAD & SolidWorks	3
ME211L	CAD Lab	1
ME301	Statics & Mechanics of Materials	3
ME301L	Statics Lab	1
ME302	Dynamics	3
ME302L	Dynamics Lab	1
Total units required for emphasis		71

Minor

Minor in Computer Science

The following courses are required for a minor in Computer Science:

Minor in Computer Science Courses

CS121P	Introduction to Computer Programming	3
CS132S	Data Structures & Algorithms	3
CS202H	Computer Hardware	3
CS301A	Computer Organization & Architecture	3
CS312N	Networking Principles & Architecture	3
CS321O	Operating Systems	3
CS321P	Programming Languages & Theory	3
CS322E	Software Engineering	3
CS342D	Database Management Systems	3
Total units required for minor		*27*

Bachelor of Science in Computer Engineering

B.S. Computer Engineering

Computer Engineering

The Computer Engineering (CPE) degree is designed to give students a thorough grounding in the science and applied mathematics of computing systems. The degree has some overlap with the EE degree, but with a greater emphasis on digital systems, especially computing devices. The study of hardware and of the interface between hardware and software is central to the program.

Computer Engineering Program Learning Outcomes

1. Instill the ability to identify, formulate, and solve complex engineering problems by applying principles of engineering, science, and mathematics
2. Instill the ability to apply engineering design to produce solutions that meet specified needs with consideration of public health, safety, and welfare, as well as global, cultural, social, environmental, and economic factors
3. Instill the ability to communicate effectively with a range of audiences
4. Instill the ability to recognize ethical and professional responsibilities in engineering situations and make informed judgments, which must consider the impact of engineering solutions in global, economic, environmental, and societal contexts
5. Instill the ability to function effectively on a team whose members together provide leadership, create a collaborative and inclusive environment, establish goals, plan tasks, and meet objectives
6. Instill the ability to develop and conduct appropriate experimentation, analyze and interpret data, and use engineering judgment to draw conclusions
7. Instill the ability to acquire and apply new knowledge as needed, using appropriate learning strategies
8. Provide an understanding of the biblical foundations of engineering and technology
9. Cultivate a mentality which strives for perfection because it is motivated for Christ and Scripture.

Engineering Core Courses

CH151	General Chemistry I*	3, 1
CH153	Chemistry for Engineers	1
CS121P	Introduction to Computer Programming	3
EGR101	Introduction to Engineering Design	1
MA121	Calculus I	3
MA122	Calculus II	3
MA221	Calculus III	3
MA231	Linear Algebra	3
MA253	Discrete Mathematics	3
MA282	Ordinary Differential Equations	3
MA365	Probability	3
PS251	General Physics I*	3, 1
EGR112	Theology of Technology	2
EGR491	Senior Capstone	1
Total core courses		*37*

**With corresponding lab.*

Computer Engineering Courses

Engineering core courses		37
CS132S	Data Structures & Algorithms	3
CS202H	Computer Hardware	3
CS301A	Computer Organization & Architecture	3
CS321O	Operating Systems	3
ECE301	Semiconductor Physics	2
ECE311	Analog Circuits	3
ECE311L	Analog Circuits Lab	1
ECE312	Microelectronics	3
ECE312L	Microelectronics Lab	2
ECE321	Digital System Design	3
ECE321L	Digital Design Lab	1
ECE322	Signals and Systems	3
ECE401	Digital Signal Processing	3
ECE401L	Digital Signal Processing Lab	1
ECE401E	DSP Extension	1
ECE492A	Senior Design Project A	1
ECE492B	Senior Design Project B	2
ECS Upper Division Electives		3
Total units required		*78*

Bachelor of Science in Electrical Engineering

B.S. Electrical Engineering

Electrical Engineering

The Electrical Engineering (EE) degree is designed to give students a thorough grounding in the science and applied mathematics of electrical and electronic systems. The degree has some overlap with the CPE degree but emphasizes electrical systems in general, including analog systems. The study, design, and control of electrical signals in hardware is central to the program.

Electrical Engineering Program Learning Outcomes

1. Instill the ability to identify, formulate, and solve complex engineering problems by applying principles of engineering, science, and mathematics
2. Instill the ability to apply engineering design to produce solutions that meet specified needs with consideration of public health, safety, and welfare, as well as global, cultural, social, environmental, and economic factors
3. Instill the ability to communicate effectively with a range of audiences
4. Instill the ability to recognize ethical and professional responsibilities in engineering situations and make informed judgments, which must consider the impact of engineering solutions in global, economic, environmental, and societal contexts
5. Instill the ability to function effectively on a team whose members together provide leadership, create a collaborative and inclusive environment, establish goals, plan tasks, and meet objectives
6. Instill the ability to develop and conduct appropriate experimentation, analyze and interpret data, and use engineering judgment to draw conclusions
7. Instill the ability to acquire and apply new knowledge as needed, using appropriate learning strategies
8. Provide an understanding of the biblical foundations of engineering and technology
9. Cultivate a mentality which strives for perfection because it is motivated for Christ and Scripture.

Engineering Core Courses

CH151	General Chemistry I*	3, 1
CH153	Chemistry for Engineers	1
CS121P	Introduction to Computer Programming	3
EGR101	Introduction to Engineering Design	1
MA121	Calculus I	3
MA122	Calculus II	3
MA221	Calculus III	3
MA231	Linear Algebra	3
MA253	Discrete Mathematics	3
MA282	Ordinary Differential Equations	3
MA365	Probability	3
PS251	General Physics I*	3, 1
EGR112	Theology of Technology	2
EGR491	Senior Capstone	1
Total core courses		*37*

**With corresponding lab.*

Electrical Engineering Courses

Engineering core courses		37
CS132S	Data Structures & Algorithms	3
CS202H	Computer Hardware	3
ECE202	Electromagnetics	3
ECE202L	Electromagnetics Lab	1
ECE301	Semiconductor Physics	2
ECE311	Analog Circuits	3
ECE311L	Analog Circuits Lab	1
ECE312	Microelectronics	3
ECE312L	Microelectronics Lab	2
ECE321	Digital System Design	3
ECE321L	Digital Design Lab	1
ECE322	Signals and Systems	3
ECE401	Digital Signal Processing	3
ECE401L	Digital Signal Processing Lab	1
ECE412	Power Systems	3
ECE492A	Senior Design Project A	1
ECE492B	Senior Design Project B	2
ECS Upper Division Electives		3
Total units required		*78*

Bachelor of Science in Mechanical Engineering

B.S. Mechanical Engineering

Mechanical Engineering

The Mechanical Engineering (ME) degree is designed to provide students rigorous training in the fundamentals of mechanical system design, optimization, and control. From the forces exerted and experienced by system materials, both static and dynamic, to thermodynamics and heat transfer, to the rules of kinematic and robotic motion, to the use of computer-aided design (CAD) software, to the process of manufacturing, ME graduates are given comprehensive exposure to the theoretical and practical principles governing the physical systems humans build.

Mechanical Engineering Program Learning Outcomes

1. Instill the ability to identify, formulate, and solve complex engineering problems by applying principles of engineering, science, and mathematics
2. Instill the ability to apply engineering design to produce solutions that meet specified needs with consideration of public health, safety, and welfare, as well as global, cultural, social, environmental, and economic factors
3. Instill the ability to communicate effectively with a range of audiences
4. Instill the ability to recognize ethical and professional responsibilities in engineering situations and make informed judgments, which must consider the impact of engineering solutions in global, economic, environmental, and societal contexts
5. Instill the ability to function effectively on a team whose members together provide leadership, create a collaborative and inclusive environment, establish goals, plan tasks, and meet objectives
6. Instill the ability to develop and conduct appropriate experimentation, analyze and interpret data, and use engineering judgment to draw conclusions
7. Instill the ability to acquire and apply new knowledge as needed, using appropriate learning strategies
8. Provide an understanding of the biblical foundations of engineering and technology
9. Cultivate a mentality which strives for perfection because it is motivated for Christ and Scripture.

Engineering Core Courses

CH151	General Chemistry I*	3, 1
CH153	Chemistry for Engineers	1
CS121P	Introduction to Computer Programming	3
EGR101	Introduction to Engineering Design	1
MA121	Calculus I	3
MA122	Calculus II	3
MA221	Calculus III	3
MA231	Linear Algebra	3
MA253	Discrete Mathematics	3
MA282	Ordinary Differential Equations	3
MA365	Probability	3
PS251	General Physics I*	3, 1
EGR112	Theology of Technology	2
EGR491	Senior Capstone	1
Total core courses		*37*

**With corresponding lab.*

Mechanical Engineering Courses

Engineering core courses		37
ECE202	Electromagnetics	3
ECE202L	Electromagnetics Lab	1
ME211	CAD & SolidWorks	3
ME211L	CAD Lab	1
ME301	Statics & Mechanics of Materials	3
ME301L	Statics Lab	1
ME302	Dynamics	3
ME302L	Dynamics Lab	1
ME311	Thermodynamics	3
ME312	Heat Transfer	3
ME321	Machine Design	3
ME322	Design & Manufacturing	3
ME322L	Manufacturing Project	2
ME331	Fluid Mechanics	3
ME401	Finite Element Analysis	2
ECE492A	Senior Design Project A	1
ECE492B	Senior Design Project B	2
ECS Upper Division Electives		3
Total units required		*78*

DEPARTMENT OF KINESIOLOGY

Professor David Larsen, Chairperson

The Department of Kinesiology (KIN) strives to instill two major principles: We are created in God's image and we function according to His design. The KIN major prepares students to be successful, Christian leaders in careers in allied health professions. KIN majors will learn foundational knowledge relevant to the anatomy and physiology of the human body. Other disciplines within the KIN curriculum extend to the knowledge of skill acquisition and development, sports medicine, and principles of health and wellness. Two emphases stem from the KIN core curriculum: Pre-Allied Health Profession and Exercise Science.

Program Policy

Online Course Policy

For the purposes of this policy, a Traditional student is a TMU student who declares and is currently pursuing a Traditional curriculum as indicated on his/her academic record. The upper division major courses required for degrees offered by the School of Science, Mathematics, Technology, and Health do not overlap with any courses currently offered by TMU Online. Thus, the school does not impose any major-specific limit on the number of online courses traditional students may take in any given term or over the course of their degree program.

Bachelor of Science in Kinesiology

B.S. Kinesiology core courses

Kinesiology Core Program Learning Outcomes

1. Display a comprehensive understanding and application of human anatomy as it pertains to functional movement.
2. Understand dietary requirements, digestive processes, and consequences of nutritional insufficiency on health, wellness, and performance.
3. Understand the quantitative and qualitative analysis of human movement, tools to obtain this information and application of knowledge to improve movement patterns.
4. Identify and describe key physiological responses and associated adaptations that occur in the human body during sport and exercise.
5. Demonstrate principles of prevention and care of injuries in active populations.
6. Identify and integrate motor learning theories to skill acquisition, performance, and proficiency indices.
7. Display critical thinking, through writing and verbal communication, in field-related knowledge while applying proper terminology, principles, and concepts.
8. Identify and critically evaluate primary research and scholarly sources and demonstrate applications to real-world situations.

Kinesiology Core Courses

LS321	Human Anatomy*	3, 1
LS322	Human Physiology*	3, 1
LS151	Organismic Biology*,**,***	3, 1
MA260	Elementary Statistics****	3
BE101	Introduction to Psychology	3
KIN312	Movement Anatomy	3
KIN313	Adapted Physical Education	3
KIN314	Biomechanics	3
KIN316	Physiology of Exercise	3
KIN353	Essentials of Nutrition	3
KIN425	Prevention & Care of Athletic Injuries	3
KIN436	Motor Learning	3
KIN479	Practicum	1-3
KIN490	Senior Capstone	1
Total core courses		*41-43*

**With corresponding lab.*
***Ex Sci Emphasis students may opt for LS150 instead of LS151.*
**** Fulfills G.E. requirement for Science Lecture and Science Lab.*
*****MA260 fulfills G.E. requirement for MA240.*

B.S. Exercise Science Emphasis

Exercise Science

The Exercise Science emphasis is a Bachelor of Science program that prepares students for a variety of careers including, but not limited to physical education, adapted education, coaching, athletic training, exercise physiology, and entrepreneurial careers in fitness & wellness. Students are also prepared for graduate-level studies and fitness credentials.

Exercise Science Program Learning Outcomes

1. Demonstrate the ability to evaluate readiness for physical exercise utilizing systematic and evidence-based approaches.
2. Present sound application of anatomical and physiological concepts and principles in designing conditioning programs for various populations.
3. Associate both wellness and common ailments with underlying biological functions.
4. Identify key biological contributions to the development, progression, and refinement of human movement.

Kinesiology Core Courses

LS321	Human Anatomy*	3, 1
LS322	Human Physiology*	3, 1
LS151	Organismic Biology*,**,***	3, 1
MA260	Elementary Statistics****	3
BE101	Introduction to Psychology	3
KIN312	Movement Anatomy	3
KIN313	Adapted Physical Education	3
KIN314	Biomechanics	3
KIN316	Physiology of Exercise	3
KIN353	Essentials of Nutrition	3
KIN425	Prevention & Care of Athletic Injuries	3
KIN436	Motor Learning	3
KIN479	Practicum	1-3
KIN490	Senior Capstone	1
Total core courses		*41-43*

**With corresponding lab.*
***Ex Sci Emphasis students may opt for LS150 instead of LS151.*
**** Fulfills G.E. requirement for Science Lecture and Science Lab.*
*****MA260 fulfills G.E. requirement for MA240.*

Exercise Science Emphasis Courses

Kinesiology core courses		41-43
KIN100	Health and Wellness	3
KIN308	Functional Assessment in Human Performance	3
KIN396	Exercise Program Design	3
KIN408	Motor Development	3
Elective Courses*		15
Total units required for emphasis		*68-70*

**Elective fulfillment is subject to advisor approval.*

B.S. Pre-Allied Health Professions Emphasis

Pre-Allied Health Professions

The Pre-Allied Health emphasis is a Bachelor of Science program that prepares students for a variety of allied-health graduate programs including, but not limited to physical therapy, occupational therapy, chiropractics, physician assistant studies, athletic training, and nursing.

Pre-Allied Health Professions Program Learning Outcomes

1. Demonstrate proficiency in recognizing and evaluating acute and chronic musculoskeletal injuries in active populations.
2. Demonstrate the ability to implement treatment, rehabilitation, and reconditioning programs for active populations.
3. Demonstrate proficiency in the recognition and management of pathologies that occur in multiple systems of the body including the nervous, lymphatic, cardiovascular, pulmonary, and endocrine systems.

Kinesiology Core Courses

LS321	Human Anatomy*	3, 1
LS322	Human Physiology*	3, 1
LS151	Organismic Biology*,**	3, 1
MA260	Elementary Statistics***	3
BE101	Introduction to Psychology	3
KIN312	Movement Anatomy	3
KIN313	Adapted Physical Education	3
KIN314	Biomechanics	3
KIN316	Physiology of Exercise	3
KIN353	Essentials of Nutrition	3
KIN425	Prevention & Care of Athletic Injuries	3
KIN436	Motor Learning	3
KIN479	Practicum	1-3
KIN490	Senior Capstone	1
Total core courses		*41-43*

**With corresponding lab.*
*** Fulfills G.E. requirement for Science Lecture and Science Lab.*
****MA260 fulfills G.E. requirement for MA240.*

Pre-Allied Health Professions Emphasis Courses

Kinesiology core courses		41-43
CH151	General Chemistry I*	3, 1
CH152	General Chemistry II*	3, 1
KIN426	Advanced Orthopedic Assessment	3
KIN446	Reconditioning of Athletic Injuries	3
KIN465	Primary Physical Assessment	3
Elective Courses**		12
Total units required for emphasis		*70-72*

**With corresponding lab.*
***Elective fulfillment is subject to advisor approval.*

Minor

Minor in Kinesiology

For a minor in Kinesiology, the student must complete:

Minor in Kinesiology Courses

LS321	Human Anatomy*	3, 1
LS322	Human Physiology*	3, 1
KIN312	Movement Anatomy	3
KIN316	Physiology of Exercise	3
KIN353	Essentials of Nutrition	3
KIN436	Motor Learning	3
KIN Elective Course		3
Minimum units required for minor		*23*

**With corresponding lab.*

DEPARTMENT OF MATHEMATICS

Dr. Michael Button, Chairperson

Due to the ever-increasing influence of technology, the study of mathematics is important for both logical thinking and preparation for any technical vocation. Mathematics is also a vital part of a well-rounded liberal arts education. The Mathematics curriculum is designed to provide a strong foundation for the student interested in pursuing graduate study and to offer students preparation in fields relating to applied mathematics, such as statistics and engineering. The Department of Mathematics provides thorough offerings in mathematics as a part of God's creation in a concentrated effort to integrate faith and learning. In addition to the core courses, each student must choose an emphasis: Pure Mathematics, Applied Mathematics, Mathematics Education, or Pre-Engineering. A minor in mathematics is available to students from all other departments and can be pursued in conjunction with every other major on campus.

Program Policy

Comprehensive Examination

Students graduating with a degree in Mathematics will be required to take the Senior Subject Examination in Mathematics in their senior year prior to graduation.

Online Course Policy

For the purposes of this policy, a Traditional student is a TMU student who declares and is currently pursuing a Traditional curriculum as indicated on his/her academic record. The upper division major courses required for degrees offered by the School of Science, Mathematics, Technology, and Health do not overlap with any courses currently offered by TMU Online. Thus, the school does not impose any major-specific limit on the number of online courses traditional students may take in any given term or over the course of their degree program.

Transfer Policy

Credit by Examination

The Department of Mathematics will waive the requirement for MA121 Calculus I for the AP Calculus AB examination, MA121 Calculus I and MA122 Calculus II for the AP Calculus BC examination, MA260 Elementary Statistics for the AP Statistics examination, or CS121P Introduction to Computer Programming for the AP Computer Science examination. The student must submit proof of an earned test score of 3 or higher on the appropriate Advanced Placement Examination of the College Board or 55 or higher on the College Level Examination Program test.

Program Opportunities

Career Opportunities

The education students receive in Mathematics at The Master's University will provide the first step toward careers in:

- Actuarial Science
- Applied Mathematics
- Bioinformatics
- Biomathematics
- Business
- Economics
- Education
- Engineering
- Financial Analysis
- Information Systems
- Market Analysis
- Mathematical Modeling
- Numerical Analysis
- Operations Research Analysis
- Statistics

California Single Subject Teaching Credential in Mathematics

For information about obtaining a California Preliminary Single Subject Teaching Credential in Mathematics, see the Teaching Credential Programs section in this catalog. For questions or more information, contact the Credential Analyst in the School of Education.

Notes

1. All students who are interested in going to IBEX should consult their advisor as early as possible.
2. All students in the Mathematics Education emphasis should take ED400 and either ED202 or ED301, in addition to the courses required for the Bachelor's degree in Mathematics, as they are pre-requisites for the Teaching Credential Program. Please contact the School of Education for more information.
3. A maximum of two (non-G.E.) upper division courses from another department may be used to satisfy the "additional upper division mathematics electives" requirement, subject to *prior* approval by the student's advisor.

Bachelor of Arts in Mathematics

Mathematics Core Courses

Mathematics Core Program Learning Outcomes

1. Demonstrate mastery of calculus.
2. Demonstrate mastery of elementary linear algebra.
3. Demonstrate mastery of elementary differential equations.
4. Effectively prepare and give oral presentations from research literature in mathematics.

Mathematics Core Courses

CS121P	Introduction to Computer Programming	3
MA121	Calculus I	3
MA122	Calculus II	3
MA221	Calculus III	3
MA231	Linear Algebra	3
MA282	Ordinary Differential Equations	3
MA302	Introduction to Mathematical Proof	3
MA400	Mathematics Seminar	2
MA412	Integrated Review	1
Total core units		*24*

Applied Mathematics Emphasis

Applied Mathematics

Applied Mathematics is the study of mathematics as it applies to other disciplines, such as Business, Computer Science, Engineering, and so on.

Applied Mathematics Program Learning Outcomes

1. Demonstrate a working knowledge of probability theory.
2. Use probability and statistical inferences to draw conclusions.
3. Demonstrate a basic working knowledge of the concepts and methods of applied mathematics especially through the use of computational tools.
4. Demonstrate a working knowledge of mathematical applications in a variety of applied fields.
5. Demonstrate mastery of the various methods of discrete mathematics.
6. Demonstrate a basic working knowledge of the properties of complex numbers and complex-valued functions.

Mathematics Core Courses

CS121P	Introduction to Computer Programming	3
MA121	Calculus I	3
MA122	Calculus II	3
MA221	Calculus III	3
MA231	Linear Algebra	3
MA282	Ordinary Differential Equations	3
MA302	Introduction to Mathematical Proof	3
MA400	Mathematics Seminar	2
MA412	Integrated Review	1
Total core units		*24*

Applied Mathematics Emphasis Courses

Mathematics core courses		24
MA222	Calculus IV	2
MA253	Discrete Mathematics	3
MA365	Probability	3
MA366	Mathematical Statistics	3
MA383	Complex Analysis	3
MA425	Mathematical Modeling	3
MA463	Numerical Analysis	3
MA482	Topics in Mathematics	3
Additional upper division mathematics electives		3
Total units required for emphasis		*50*

Mathematics Education Emphasis

Mathematics Education

Mathematics Education is the practice of teaching, learning, and studying research into the transfer of mathematical knowledge.

Mathematics Education

1. Demonstrate a working knowledge of fundamental algebraic structures (e.g. groups and rings).
2. Demonstrate a working knowledge of number theory and a familiarity with the history of mathematics.
3. Demonstrate a basic working knowledge of the nature and applications of discrete structures.
4. Demonstrate a basic mastery of the principles of Euclidean and non-Euclidean geometries.

Mathematics Core Courses

CS121P	Introduction to Computer Programming	3
MA121	Calculus I	3
MA122	Calculus II	3
MA221	Calculus III	3
MA231	Linear Algebra	3
MA282	Ordinary Differential Equations	3
MA302	Introduction to Mathematical Proof	3
MA400	Mathematics Seminar	2
MA412	Integrated Review	1
Total core units		*24*

Mathematics Education Emphasis Courses

Mathematics core courses		24
MA253	Discrete Mathematics	3
MA260	Elementary Statistics	3
MA344	Modern Geometry	3
MA355	Number Theory/History of Mathematics	3
MA425	Mathematical Modeling	3
MA453	Abstract Algebra I	3
P321	History and Philosophies of Education*	3
Additional upper division mathematics elective		3
Total units required for emphasis		*48*

**Fulfills G.E. requirement for P311; Prerequisite for TMU's Multiple Subject Teaching Credential Program.*

Pre-Engineering Emphasis

Pre-Engineering

Pre-Engineering is designed to prepare students for admission or transfer to an undergraduate program in any of the fields of engineering.

Pre-Engineering Program Learning Outcomes

1. Demonstrate a basic working knowledge of the concepts and methods of applied mathematics especially through the use of computational tools.
2. Demonstrate a working knowledge of mathematical applications in a variety of applied fields.
3. Demonstrate a working knowledge of the physics principles of motion, energy, and force.
4. Demonstrate a working knowledge of the physics principles of electricity and magnetism.
5. Demonstrate a working knowledge of the physics principles of optics.

Mathematics Core Courses

CS121P	Introduction to Computer Programming	3
MA121	Calculus I	3
MA122	Calculus II	3
MA221	Calculus III	3
MA231	Linear Algebra	3
MA282	Ordinary Differential Equations	3
MA302	Introduction to Mathematical Proof	3
MA400	Mathematics Seminar	2
MA412	Integrated Review	1
Total core units		*24*

Pre-Engineering Emphasis Courses

Mathematics core courses		24
PS251	General Physics I*	3, 1
PS252	General Physics II*	3, 1
MA222	Calculus IV	2
MA425	Mathematical Modeling	3
MA463	Numerical Analysis	3
Three of the following		*9*
	MA365 Probability (3)	
	MA366 Mathematical Statistics (3)	
	MA383 Complex Analysis (3)	
	MA482 Topics in Mathematics (3)	
Total units required for emphasis		*49*

**With corresponding lab.*

Pure Mathematics Emphasis

Pure Mathematics

Pure Mathematics focuses on the theoretical side of mathematics and studies the foundations upon which mathematics is built.

Pure Mathematics Program Learning Outcomes

1. Demonstrate a working knowledge of fundamental algebraic structures (e.g. groups, rings, and fields).
2. Demonstrate mastery of the rigorous development and theory of calculus.
3. Demonstrate a working knowledge of number theory and a familiarity with the history of mathematics.
4. Demonstrate a basic working knowledge of the properties of complex numbers and complex-valued functions.

Mathematics Core Courses

CS121P	Introduction to Computer Programming	3
MA121	Calculus I	3
MA122	Calculus II	3
MA221	Calculus III	3
MA231	Linear Algebra	3
MA282	Ordinary Differential Equations	3
MA302	Introduction to Mathematical Proof	3
MA400	Mathematics Seminar	2
MA412	Integrated Review	1
Total core units		*24*

Pure Mathematics Emphasis Courses

Mathematics core courses		24
MA222	Calculus IV	2
MA344	Modern Geometry	3
MA355	Number Theory/History of Mathematics	3
MA383	Complex Analysis	3
MA453	Abstract Algebra I	3
MA482	Topics in Mathematics	3
Additional upper division mathematics electives*		9
Total units required for emphasis		*50*

**All students who are interested in going to graduate school in Mathematics are strongly encouraged to take MA483 Real Analysis I.*

Minor

Minor in Mathematics

For those students interested in pursuing a Mathematics minor, the following courses are required:

Minor in Mathematics Courses

CS121P	Introduction to Computer Programming	3
MA121	Calculus I	3
MA122	Calculus II	3
MA221	Calculus III	3
MA231	Linear Algebra	3
MA282	Ordinary Differential Equations	3
One of the following		*1*
	MA400 Mathematics Seminar (2)	
	MA412 Integrated Review (1)	
Additional upper division mathematics elective		3
Total units required for minor		*22*

School of Online Education

Dr. Thomas Michener Hopewell, Dean

DEPARTMENT OF ONLINE EDUCATION

The Master's University School of Online Education provides an opportunity for conservative evangelical believers worldwide to experience the academic excellence and spiritual influence consistent with the University's on-campus programs. The School of Online Education offers both complete degree programs in selected academic fields and a variety of online courses that can be used to fulfill G.E. and elective requirements at TMU and for transfer to other colleges and universities. All online courses are taught from a distinctively biblical worldview and provide the options of enrollment for credit.

Courses are offered in two eight-week sessions each semester (Fall, Spring, and Summer), and thus are eligible for federal and state financial aid for qualifying individuals. Students may take one or two courses each session depending on their personal schedule.

The School of Online Education employs a variety of proven online instructional approaches, including video lectures, topical videos from the Internet or other resources, interactive exercises, and lessons. In addition, students engage each other and the instructor in online discussion forums, chat and video conferencing sessions, and instant messaging. Student assessments include online quizzes and exams, written papers, online speeches, role-play, and presentations, depending on the program.

Admission

The Master's University welcomes applications from all individuals who have a testimony of personal faith in Jesus Christ as Lord and Savior. The University is committed to a policy of non-discrimination on the basis of ethnic origin or sex in its admission policies.

Undergraduate Admission Requirements

To be admitted as an undergraduate degree-seeking student in the School of Online Education, an applicant must:

1. Have a clear profession of faith in Jesus Christ as his/her personal Savior.
2. Be a high school graduate or have a GED certificate.
3. Submit official transcripts (high school, college, trade school, etc.).
4. A pastor recommendation is required for Biblical Counseling majors (pastor or elder).

Graduate Admission Requirements*

To be admitted as a graduate degree-seeking student in the School of Online Education, an applicant must:

1. Have a clear profession of faith in Jesus Christ as his/her personal Savior.
2. Have completed a bachelor's degree at a regionally accredited college or university with a cumulative grade point average (GPA) of at least a 2.75.**
3. Submit official transcripts from all other colleges and universities attended.
4. No GRE or GMAT requirement.

**Individual programs may have additional requirements.*
***M.Ed. applicants must have a cumulative GPA of at least 3.0.*

Graduate Program Prerequisites

- Prior to beginning **MBA** coursework, the student must complete a baccalaureate-level course with at least a "C" grade (2.0) in each of the following subjects: introductory biblical studies, macroeconomics, microeconomics, and business statistics. If necessary, these units may be taken concurrently with MBA classes within certain limitations. Contact the School of Online Education for details.
- Prior to beginning **MBA: Sport Management** coursework, the student must complete a baccalaureate-level course with at least a "C" grade (2.0) in each of the following subjects: introductory biblical studies, macroeconomics, microeconomics, business statistics, and intro to sport management. If necessary, these units may be taken concurrently with MBA classes within certain limitations. Contact the School of Online Education for details.
- Prior to beginning the **MABS: Biblical Languages** emphasis courses, students must complete the following pre-requisites: BL305 Elementary Greek I, BL306 Elementary Greek II, BL307 Elementary Greek III, BL331 Elementary Hebrew I, BL332 Elementary Hebrew II, BL333 Elementary Hebrew III.
- Prior to beginning **M.Ed.** coursework, students must demonstrate foundational knowledge of teaching concepts and practices, such as found in teaching credential coursework and/or teaching experience. The M.Ed. program is designed for those who are employed as teacher of record in their own classroom, though such employment is not a requirement for admission.

Dual Enrollment Admission Requirements

The Dual Enrollment Program enables 11th and 12th grade high school students to take accredited, college-level Bible and G.E. courses (at a reduced tuition price) that meet high school requirements and count toward an undergraduate degree at TMU or can be used at another higher education institution.

An 11th or 12th-grade student must meet the following requirements to be admitted to the Dual Enrollment Program:

- Have a clear profession of faith in Jesus Christ as his/her personal Savior.
- Must be 15-19 years old
- Submit official high school transcripts demonstrating completion through at least his/her 10th grade year with a cumulative GPA of at least 2.75.
- Enroll in only G.E. classes.
- Students can take no more than 6 online semesters (Fall, Spring & Summer) or 12 sessions of dual enrollment courses.
- Students may not take more than 8 units in an online semester (Fall, Spring, and Summer).

There are three options for which high school dual enrollment students may be eligible:

1. **Online**: Students can take select 8-week courses in a fully online format. Online dual enrollment students are integrated with degree-seeking students.
2. **On-Campus**: Students can take select 16-week courses on campus with our traditional students. The student can attend select activities such as chapel and sporting events.
3. **High School Partnership**: TMU develops relationships with Christian high schools and homeschool co-op groups to offer our courses to their students for dual credit. Administrators may reach out to TMU online to inquire about establishing a relationship for this program. Students take these 16-week courses in a fully online format with the other high school students in this program.

Application Process

1. Complete and submit an application with the $45 application fee.
2. Request official transcripts from all schools attended.

Requirements for International Students in Undergraduate- and Graduate-Level Programs

1. International students must submit transcripts reflecting the completion of high school education or the equivalent for the undergraduate programs. Graduate-level programs require completion of a bachelor's degree or equivalent. All transcripts must be translated into English and must be official copies. Students may be required to provide an official third-party evaluation of their transcripts. TMU recommends WES and InCred for evaluations.
2. Students whose first language is not English must submit a score from either the TOEFL (school code 4411) or the IELTS. Minimum scores required for entry into the University programs are as follows:

Undergraduate Program	
TOEFL Paper Based:	550
TOEFL Computer Based:	210
TOEFL iBT:	80
IELTS:	6.5

Graduate Program	
TOEFL Paper Based:	600
TOEFL Computer Based:	250
TOEFL iBT:	100
IELTS:	7.0

Program Policies

Online Add/Drop Policy

Students can add and drop courses within the open registration period before courses begin. The last day to add a course is Thursday of week 1 and the last day to drop is Friday of week 2. After these dates, students must submit a *Petition to Add or Drop a Class* Form and email it to their online advisor. Traditional students must work with the Registrar's Office for add/drop requests after the deadlines. The session drop dates are:

Undergraduate and Graduate Courses

Online Courses Dropped:	**Refund:**	**Grade Given:**
By the Friday of the second week	100%	No grade will be given
By the Friday of the third week	50%	W
By the Monday of the fifth week	0%	W
After Monday of the fifth week	0%	F

Note: Must be timestamped by Monday at 11:59 p.m. PST.

16-Week High School Partnership Courses

Courses dropped before the Friday of the second week will receive a 100% refund. No refund will be issued after this date.

Courses Dropped:	**Refund:**	**Grade Given:**
By the Friday of the second week	100%	No grade will be given
After the Friday of the second week	0%	W
After Friday of the 13th week	0%	F

Note: Must be timestamped by Friday at 11:59 p.m. PST.

Adds

Due to the accelerated pace of online courses, the last day to add a course is the Thursday of the first week of class.

Drops

After the two-week drop period, students must submit an Add/Drop Form to their Online Advisor to withdraw from a class. Withdrawals and refunds will be effective based on the date the student signed and emailed the Form.

First Week Attendance/Participation Policy

Any student taking an online course is required to participate during the first week of class by completing the Course Syllabus Confirmation. First week participation requires all students to read the course syllabus and complete the syllabus quiz in all TMU Online courses by Monday of the second week of class. If the student has not completed the Course Syllabus Confirmation, he/she will be dis-enrolled by Tuesday of the second week and his/her tuition will be refunded. Students who have been dropped due to inactivity will not have the option to re-enroll for that session.

Add/Drop Policy for 16-week Online High School Partnership Courses

The add/drop period (the first two weeks of each semester) allows students to make changes to their class schedules. We strongly recommend that students work with their academic advisor to ensure that they are on track to meet their program requirements. Classes may be added during the first two weeks of each semester. Between the 3rd and 13th weeks of each semester, students may withdraw from classes without a grade penalty by completing an add/drop form and submitting it to their advisor in the TMU Online Office to make the changes. The student will receive a W (withdrawal) grade in that course. A student who never attends (or stops attending) a course for which he/she is officially registered, without following the accepted procedures, will be awarded the grade earned in that course. This policy applies to those enrolled in any 16-week online course.

Grade Requirement
Students pursuing Biblical Studies, Biblical Counseling, and Christian Ministries are required to earn a grade of C (2.0) or better in every major course except Elementary Greek or Hebrew. A student who earns a grade below C (2.0) must repeat the course until they earn a grade of C (2.0) or above.

Campus-Wide Policy
A TMU student who declares and is currently pursuing a Traditional curriculum as indicated on his/her academic record.

Distinctives Course
Traditional on campus transfers to the online program may waive one Distinctives course for each semester they were or are enrolled in the traditional on campus program. Students who have completed four or more semesters in the traditional on campus program may waive all four 1-unit Distinctives courses in their online degree. The unit requirement for these classes must still be met.

Essentials of TMU Online Course
Required for all Online Bachelor's degrees.

Financial Aid
In order to be eligible for federal and state financial aid, an individual must be a high school graduate and be enrolled as a degree-seeking student at the University. Any prospective TMU Online student wishing to apply for financial assistance should contact the Financial Aid Office, which will provide all necessary applications and counseling to complete the application. The

University's online degree programs are accredited and offered during three semesters per year. The following financial aid options may be available to the student depending on his/her qualifications:

1. Federal Pell Grants
2. Federal Family Educational Loan Program
3. Veterans Benefits
4. Employer Tuition Reimbursement (undergraduate degree programs only)

Transfer Policy

Online transfer & schedule policies for on-campus undergraduate programs
For Policies regarding traditional students in online courses, refer to Academic Information.
For individual department policies regarding traditional students taking online major courses, refer to the School or Department section of the catalog, e.g., *School of Biblical Studies*.

BTH Transfer Policy

Students who are pursuing or have completed the Bachelor of Theology (BTH) program at The Master's Seminary may transfer to the TMU School of Online to complete an online bachelor's degree. Because of similarities in the course material between the BTH and certain TMUO degrees, BTH transfer students may be eligible to receive credit or waivers for some of the online undergraduate requirements. Students must still satisfy the 121-unit requirement for the online bachelor's degree.

TMUO Biblical Studies program: BTH transfer students may not enroll in the online Bachelor of Biblical Studies program, due to overlap in the content of the two programs. BTH students may pursue any of the other online undergraduate degrees, with the most common options being Biblical Counseling and Christian Ministries.

Equivalent undergraduate GE requirements

BTH transfer students may use the following BTH classes to fulfill their equivalent undergraduate GE requirements. These units will count towards both degrees:

BTH course:	**Equivalent TMU GE course:**
BI501 Old Testament Studies I (3)	B101 Old Testament Survey I (3)
BI502 Old Testament Studies II (3)	B102 Old Testament Survey II (3)
BI601 New Testament Studies (3)	B201 New Testament Survey I (3)
NT796 New Testament Introduction (3)	B202 New Testament Survey II (3)
TH507 Historical Theology I (3)	BTH321 Christian Theology I (3)
TH508 Historical Theology II (3)	BTH322 Christian Theology II (3)
PM505 Grammar, Research & Writing (2)	E110 English Composition (3)

B121 Essentials of Christian Thought (3) is waived for BTH transfer students; *unit requirement must still be met.*

Waiving courses

Major requirements: BTH transfer students may waive *up to* four courses (12 units) of their online major class requirements, based on similar courses they complete in the BTH program. Possible course waivers will be evaluated on a course-by-course basis by the chair of the respective online degree. *The unit requirements for these classes must still be met.* Common examples are:

BTH course:	**Possible TMU course:**
BI505 Hermeneutics (3)	B340 Biblical Interpretation (3)
NT501, 502 Beginning Greek I & II (2, 2) and/or NT603, 604 Greek Exegesis I & II (3, 3)	BL305, 306, 307 Elementary Greek I-III (3, 3, 3)
TH602 Apologetics & Evangelism (3)	BIB355 Worldview, Apologetics, Evangelism (3)
PM512A Pastoral Counseling (3)	BC300 Intro to Biblical Counseling (3)

Distinctives Course

BTH transfers may waive one Distinctives course for each semester they were or are enrolled in the BTH program. Students who have completed four or more semesters in the BTH program may waive all four 1-unit Distinctives courses in their online degree. *The unit requirement for these classes must still be met.*

Electives

Additional elective units earned at TMS that are not a part of the student's 96-unit BTH requirement may be used to fulfill general elective requirements for the student's online degree. These units may not be double counted (i.e. electives must be used either to fulfill the BTH requirements or the online degree requirements, not both).

Online Academic Programs

The Master's University offers a wide range of accredited and fully online undergraduate and graduate degree programs and G.E. courses that are available to high school, traditional, and graduate students, and to other students seeking personal enrichment. Each online course makes use of a combination of lectures given by TMU faculty, assignments, projects, threaded discussions, and examinations that are accessed through the University's learning management system. All courses are taught from a thoroughly biblical worldview. Credit gained from completion of online courses can be used toward completing a degree at TMU and other colleges or universities. Students may obtain more information about the School of Online Education by contacting the administrative offices at 661-362-2780 or by emailing tmuonline@masters.edu.

Bachelor of Arts Degrees

Biblical Counseling

Biblical Studies

Christian Ministries

Cinema & Digital Arts

Communication *with emphases in:*
- Creative Writing and Publishing
- Journalism

Liberal Studies

Marketing Media

Organizational Management

Bachelor of Science Degrees

Business Administration *with emphases in:*
- Accounting
- Finance
- Management
- Marketing
- Public Relations

Graduate Degrees

Biblical Studies (M.A.), *or with emphases in:*
- Biblical Languages
- Missions
- Music & Worship
- Theological Studies
- Women's Ministry

Business Administration (MBA) *with emphases in:*
- Management
- Sport Management

Education (M.Ed.)

Healthcare Administration (MHA)

Online General Education and Elective Courses

In addition to its degree programs, the School of Online Education also offers a variety of online elective and G.E. courses that can be used to meet graduation requirements at TMU and/or for transfer to other colleges and universities. Online Education students must complete the same G.E. requirements as traditional program students. For a complete list of required G.E. courses, refer to the General Education Requirements.

Online General Education Requirements

Scripture Set

B101	Old Testament Survey I	3
B102	Old Testament Survey II	3
B121	Essentials of Christian Thought	3
B201	New Testament Survey I	3
B202	New Testament Survey II	3
BTH321	Christian Theology I	3
BTH322	Christian Theology II	3
Total Scripture Set units		*21*

Worldview Set

P311	Essentials of Philosophy	3
MU190	Essentials of Music & Art	3
ECN200	Essentials of Economics & Society	3
One of the following science lecture courses		*3*
	GS150 Essentials of Geology (3)	
	LS150 Essentials of Biology (3)	
H211	Essentials of World History I	3
H212	Essentials of World History II	3
H230	Essentials of U.S. History	3
E120	Introduction to Literature	3
One of the following		*3*
	E211 English Literature I (3)	
	E221 World Literature I (3)	
Total Worldview Set units		*27*

Skills Set

C100	Spoken Communication	3
E110	English Composition	3
One of the following science lab courses		*1*
	GS150L Essentials of Geology Lab (1)	
	LS150L Essentials of Biology Lab* (1)	
MA240	Critical Thinking & Quantitative Analysis	3
POL220	U.S. Government	3
Total Skills Set units		*13*

Total General Education units 61

Elective Coursework

Students may also satisfy elective units through transfer coursework or by taking courses that are not a requirement for their declared major.

Bachelor of Arts in Biblical Counseling

Biblical Counseling

This program is designed to equip individuals with the principles and procedures of biblical counseling in order to further prepare them for service in their local church. Grounded in the Word of God and aimed at building up the saints, this course of study emphasizes the sufficiency of God's Word to meet the needs of everyday life. The goal of the program is to train the whole person. The courses are designed to include the academic content, skills, and purposeful character development necessary to enable an individual to become a wise, loving counselor to fellow believers within a church related context. Students will be prepared for the Association of Certified Biblical Counselors (ACBC) exam and to move toward certification.

Biblical Counseling Program Learning Outcomes

1. Demonstrate the correct application of hermeneutical principles to develop an interpretation of a biblical text, including a foundational working knowledge of biblical Greek.
2. Explain the foundational theological principles of biblical counseling with particular focus on the doctrines of inspiration, inerrancy, and sufficiency of the Scriptures, leading to the ability to biblically interact with and respond to current trends, conceptual approaches, and practices in the counseling field.
3. Explain from Scripture the role of biblical counseling within the larger work of the church, particularly its relationship to evangelism and discipleship.
4. Develop a counseling methodology that effectively applies a broad range of relevant biblical passages to counselee issues—in particular core issues of the heart—and understand the centrality of the gospel as the basis for biblical change that leads to true worship.
5. Demonstrate a consistent pattern of biblically based self-reflection leading to growth in Christlike character qualities necessary for effective biblical counseling.

Biblical Counseling Courses

Courses are listed in the order in which they are intended to be taken.

BC310	Foundations of Biblical Study	3
B340	Biblical Interpretation	3
BC300	Introduction to Biblical Counseling	3
BC330	Methods of Biblical Counseling	3
BE311	Introduction to Psychology	3
One of the following		*9*
	BL305, BL306, BL307 Elementary Greek I, II, & III (9)	
	BL331, BL332, BL333 Elementary Hebrew I, II, & III (9)	
BC366	Biblical Conflict Resolution	3
BC311	Theological Basis of Biblical Counseling	3
BC340	Marriage and Family	3
BC421	Problems & Procedures*	3
BC433	Applied Counseling Theory	3
BC422	Problems & Procedures II	3
BC452	Counseling Observation & Analysis*	3
BC400	Senior Integration Seminar*	3
Total units required for major		*48*

**Only online Biblical Counseling students may take BC421, BC451/BC452, BC422, and BC400.*

Note: Once per semester (up to 4 semesters) one unit of BIB101 is required.

Bachelor of Arts in Biblical Studies

Biblical Studies

The program will offer individuals an in-depth study of the Old and New Testaments. The major coursework stresses the understanding, interpretation, and application of biblical literature. The biblical content is studied in light of its original historical context so that an accurate biblical understanding can be applied to the theological and cultural issues of the current day. The program attempts to assist students in developing a biblical worldview in which the principles and norms derived from the Word of God are applied to the whole of life. Spiritual values are emphasized so that practical spiritual growth is experienced along with academic achievement.

Biblical Studies Program Learning Outcomes

1. Discuss the significant historical, geographical, cultural, and theological background, themes, and interpretive problems of each Bible book.
2. Demonstrate the correct application of hermeneutical principles to develop an interpretation of a biblical text.
3. Demonstrate a working knowledge of available written and electronic Bible study tools.
4. Produce undergraduate university-level written research in biblical-related topic areas.
5. Demonstrate a foundational working knowledge of biblical Greek.

Biblical Studies Major Courses

Courses are listed in the order in which they are intended to be taken.

B310	Foundations of Biblical Study	3
B340	Biblical Interpretation	3
B300	Land of the Bible	3
B364	History of Ancient Israel	3
One of the following		*9*
	BL305, BL306, BL307 Elementary Greek I, II, & III (9)	
	BL331, BL332, BL333 Elementary Hebrew I, II, & III (9)	
BC300	Introduction to Biblical Counseling	3
B342	Romans	3
B346	Life of Christ	3
BTH336	Theology of God	3
B403	Isaiah	3
BCW363	Apologetics*	3
B306	Genesis	3
B335	Revelation	3
B400	Senior Integration Seminar	3
Total units required for major		*48*

**Fulfills G.E. requirement for P311.*

Note: Once per semester (up to 4 semesters) one unit of BIB101 is required.

Bachelor of Arts in Christian Ministries

Christian Ministries

The Christian Ministries major is composed of 14 major courses totaling 42 semester units. This program has been designed to provide working adults with a comprehensive biblical philosophy of ministry through a systematic examination of key aspects of God's program within a local church. The goal of the major is to provide graduates with a thorough understanding of what God is doing in the world through the church and the role of each believer within that work.

Christian Ministries Program Learning Outcomes

1. Demonstrate a strong working knowledge of the content of biblical Scriptures.
2. Demonstrate the correct application of hermeneutical principles to develop an interpretation of a biblical text.
3. Articulate with biblical support the major doctrines of the Christian church.
4. Clearly articulate a biblical philosophy of ministry as it relates to the purpose of the local church.
5. Demonstrate the ability to effectively disciple and counsel other believers biblically.
6. Demonstrate the necessary entry-level skills to establish and implement core ministry functions within a typical local church environment.
7. Develop a thoughtful, biblically supported response to current societal issues from a biblical worldview.

Christian Ministries Major Courses

Courses are listed in the order in which they are intended to be taken.

BIB310	Foundations of Biblical Study	3
B340	Biblical Interpretation	3
BTH366	Theology of the Church and Family	3
B342	Romans	3
BIB355	Worldview, Apologetics, Evangelism	3
BIB375	Church History	3
BIB380	Christian Education	3
BIB390	Principles of Effective Teaching	3
BIB400	Church Administration	3
BIB410	Corporate Worship	3
BC300	Introduction to Biblical Counseling	3
BIB430	Principles of Discipleship	3
BIB460	Missions	3
BIB470	Contemporary Issues in Church Ministry	3
Total units required for major		*42*

Note: Once per semester (up to 4 semesters) one unit of BIB101 is required.

Bachelor of Arts in Cinema & Digital Arts

Cinema & Digital Arts

This major equips students with the tools needed to compete in the evolving world of mass media. Our program is unique in that it teams students with industry professionals, giving them the opportunity to create productions on par with the entertainment industry. We are also distinct in our philosophy, training the next generation of artists to recognize God as the ultimate creative force and to reflect this knowledge in what (and how) they create.

Cinema & Digital Arts Program Learning Outcomes

1. Demonstrate a working knowledge of media history and theory.
2. Demonstrate basic mastery of film/video preproduction techniques including conceptualizing, scripting, storyboarding, pitching, critique, general shoot preparation, location scouting, basic set design, and casting.
3. Demonstrate basic mastery with film/video production skills including producing, directing, lighting, shooting, and basic sound recording.
4. Demonstrate basic mastery of film/video postproduction techniques including video editing, sound editing, basic ADR, effects, and motion graphics.

Cinema & Digital Arts Courses

Must be taken first in major:

C202	Film History	3
C231	Digital Video Editing I	3
C311	Video Production I	3
C312	Video Production II	3
C321	Screenwriting I	3
C322	The Business of Film	3
C323	Introduction to Cinematography	3
C331	Freelance Entrepreneurship/Digital Age	3
C399	Winterim Production (on-campus)*	3
C466	Entertainment Law	3

Choose four of the following *12*

C122 Social Media & Communication (3)
C132 Podcast Studio (3)
C191 Pocket Studio (3)
C374 The Western: Myth, Ideology, and Genre (3)
C482 The Graphic Novel (3)
MKT371 Digital Marketing (3)

Must be taken last in major:

C401	Directing	3
C402	Film Production	3

Total units for major *48*

** May be taken at any point in the degree. May be taken more than once for elective credit.*

Note: Once per semester (up to 4 semesters) one unit of BIB101 is required.

Bachelor of Arts in Communication

Creative Writing & Publishing Emphasis

Creative Writing & Publishing

This emphasis is designed for students who are passionate about content creation across the changing and expanding spectrum of communicative media, including fiction and non-fiction, photography, videography, journalism, and podcasting. CWP students choose from a wide variety of courses that provide opportunities to develop their unique creative interests, and they graduate with content creation skills that are increasingly in-demand across diverse industries.

Creative Writing & Publishing Program Learning Outcomes

1. Effectively incorporate a biblical worldview in writing as appropriate for the situation.
2. Write effectively in several forms and genres, including short stories, essays, memoirs, and features.
3. Demonstrate a working knowledge of photography (portrait and journalistic), and photo editing for the purpose of producing print and digital documents.
4. Demonstrate basic proficiency in textual editing for elements of story, style, grammar, tone, and institutional appropriateness.

Creative Writing & Publishing Emphasis Courses

C351	Creative Writing	3
C254	Memoir Writing	3
C352	Editing I, Principles of Copyediting	3
C191	Pocket Studio	3
C482	The Graphic Novel	3
C321	Screenwriting I	3
C122	Social Media & Communication	3
C132	Podcast Studio	3
C382	Persuasion	3
C378	Fantasy Fiction Writing	3
C372	Science Fiction Writing	3
C472	Rhetorical Criticism	3
C331	Freelance Entrepreneurship/Digital Age	3
MKT371	Digital Marketing	3
Choose three of the following		*9*

C138 Photo Journalism (3)
C201 Digital Photography I (3)
C220 News Media Literacy (3)
C231 Digital Video Editing I (3)
C261 Introduction to Journalism (3)
C311 Video Production I (3)
C338 Multimedia Storytelling (3)
C368 Fundamentals of Advertising (3)
C373 Graphic Design I (3)
C459 Novel Writing (3)
CS288W Web Design (3)

Total units for major *51*

Note: Once per semester (up to 4 semesters) one unit of BIB101 is required.

Journalism Emphasis

Journalism

We believe that journalism, though it is in transition, remains a vital, growing profession populated by intelligent storytellers with a knack for clear communication across various forms of mass (and targeted) media. We also believe that journalism in all forms must be characterized by a love for and a commitment to truth and accuracy. And finally, we believe that followers of Jesus Christ are uniquely equipped to discern and communicate truth.

Journalism Program Learning Outcomes

1. Effectively incorporate a biblical worldview in writing as appropriate for the situation.
2. Demonstrate proficiency in journalistic reporting and writing (news story, feature, editorial, and column writing) and Associated Press style. This includes writing a concise journalistic lead and proper quote attribution.
3. Demonstrate proficiency in utilizing forms of multimedia journalism beyond print media: visual elements in concert with writing and editing elements to produce effective pieces of visual journalism.
4. Demonstrate knowledge of journalistic ethics and fairness. Produce stories that are balanced, framing complex issues in a way to present all sides to the reader without interpretation or editorializing. Utilize quoted sources to generate a fair representation of various sides of the issue.

Journalism Emphasis Courses

C132	Podcast Studio	3
C138	Photo Journalism	3
C220	News Media Literacy	3
C261	Introduction to Journalism	3
C331	Freelance Entrepreneurship/Digital Age	3
C352	Editing I, Principles of Copyediting	3
C301	Political News Reporting	3
C302	Broadcast News Reporting	3
C338	Multimedia Storytelling	3
C373	Graphic Design I	3
C382	Persuasion	3
C472	Rhetorical Criticism	3
C492	In Depth Reporting	3
MKT371	Digital Marketing	3
Choose three of the following		*9*

C122 Social Media & Communication (3)
C191 Pocket Studio (3)
C231 Digital Video Editing I (3)
C303 Documentary Filmmaking (3)
C311 Video Production I (3)
C432 Sports Journalism (3)

Total units for major *51*

Note: Once per semester (up to 4 semesters) one unit of BIB101 is required.

Bachelor of Arts in Entrepreneurship

Entrepreneurship *(Dr. John C. Beck)*
The Entrepreneurship major is composed of 13 major courses totaling 39 semester units. This program has been designed to help entrepreneurs develop effective innovation, leadership, and management skills in the business arena from a distinctly biblical perspective. The curriculum is organized to provide a greater understanding of the management field, the communication tools necessary to interact with diverse stakeholders, and the biblical guardrails for a Christian who initiates and grows commercial ventures.

Entrepreneurship Program Learning Outcomes

1. Demonstrate the ability to effectively network and communicate persuasively using both written and oral skills.
2. Demonstrate the ability to work independently and with others in task coordination using a team approach under tight deadlines.
3. Demonstrate the application of analytical and critical thinking in areas including technology trend analysis, business model formulation, and market strategy
4. Demonstrate synthesis of skills in venture disciplines (including: business communication, management, entrepreneurial finance, marketing, and human capital management).

Entrepreneurship Courses

BUS330 Business Ethics* 3
ECN210 Microeconomics 3
ENT200 Innovation and Entrepreneurship 3
ENT300 Entrepreneurial Finance 3
MGT351 Human Resource Management 3
MGT409 Leadership Principles 3
MGT435 Financial & Managerial Accounting 3
One of the following *3*
MGT330 Business Communication (3)
MGT335 Organizational Communication - Fundamentals (3)
One of the following *3*
MGT336 Organizational Communication - Advanced (3)
MKT462 Sales & Customer Service (3)
One of the following *3*
BUS320 Business Law (3)
MGT345 Entrepreneurial Law (3)
One of the following *3*
MGT310 Management Theory (3)
MGT411 Organizational Management (3)
One of the following *3*
MGT425 Entrepreneurial Marketing (3)
MKT350 Marketing Fundamentals (3)
One of the following *3*
BUS368 Entrepreneurship (3)
MGT461 Innovation Lab (3)
Total units required for major *39*
**Fulfills G.E. requirement for P311.*
Note: Once per semester (up to 4 semesters) one unit of BIB101 is required.

Optional Electives

Electives 22
**See advisor for an appropriate elective block.*

Bachelor of Arts in Liberal Studies

Liberal Studies
The Liberal Studies major is designed to offer the student a broad, interdisciplinary program of study, the epitome of the liberal arts education.

Major units: 15-30 units are required in each of the following four subject areas (for a total of 84 semester units across the four areas, with at least 24 upper division units across the four areas):

e. English/Communication
f. Social Science
g. Mathematics/Science/Computer Science
h. Humanities/Fine Arts

A total of 121 units are required for the B.A. degree, of which at least 40 units of the 121 must be upper division.

All G.E. requirements apply per the catalog regarding Scripture Set, Worldview Set, and Skills Set. Courses used to fulfill G.E. requirements may count as major units in their respective subject area.

ED402 LS Senior Capstone is a required course and must be taken during the student's senior year. Additional elective units are required to reach the 121 unit minimum (minimum 40 upper division).

Liberal Studies Program Learning Outcomes
1. Demonstrate an advanced baccalaureate-level working knowledge in written communication, literature, and/or spoken communication skills.
2. Demonstrate an advanced baccalaureate-level working knowledge in at least two of the following subject areas within the science and mathematics disciplines: mathematics, biological sciences, physical sciences, kinesiology, and computer information systems.
3. Demonstrate an advanced baccalaureate-level working knowledge in at least three of the following subject areas within the social science disciplines: history, political studies, geography, business, social science, health, and physical education.
4. Demonstrate an advanced baccalaureate-level working knowledge in at least two of the following subject areas within the humanities and fine arts disciplines: music, art, theater, philosophy, and foreign language.
5. Identify and analyze the interrelationships existing between the various academic disciplines.

Liberal Studies Courses

English/Communication subject area[1]	15-30
Social Science subject area[2]	15-30
Mathematics/Science/Computer Science subject area[3]	15-30
Humanities/Fine Arts subject area[4]	15-30
Total units required for Subject Area courses	*84**

**Must include at least 24 upper division units*

ED402	LS Senior Seminar**	3
Total units required for core courses		*87*

***Taken senior year*
Note: Once per semester (up to 4 semesters) one unit of BIB101 is required.

Major unit courses may be drawn from the following. (Note: list is subject to change/approval; students should seek advisor approval prior to registering for courses.)

[1] **English/Communication** may include:
- English (E prefix), such as literary surveys (e.g. American, English, World Literature), genres (e.g. poetry, drama), or authors (e.g. Shakespeare, Austen).
- Communication (C prefix), such as speech, writing, or other communication areas.
- Some major-specific courses also count (e.g. MGT330 Business Communications).

[2] **Social Science** may include:
- History (H prefix)
- Political studies (POL prefix)
- Some Kinesiology (KIN prefix)
- Psychology, Sociology, and/or Anthropology
- Business
- IBEX (unless used to fulfill G.E. Bible)

[3] **Mathematics/Science/Computer Science** may include:
- Mathematics (MA prefix)
- Science (LS, CH, and PS prefixes)
- Computer Science (CS prefix)
- Some Kinesiology (KIN prefix)
- Health and Nutrition

[4] **Humanities/Fine Arts** may include:
- Music (MU prefix)
- Theater
- Fine Arts
- World Languages (Modern or Ancient)
- Philosophy and/or Theology
- Classical Studies
- Bible (or IBEX courses used to fulfill G.E. Bible)

Bachelor of Arts in Marketing Media

Marketing Media

Companies must make strategic decisions about their offerings, supply chains, pricing, and above all – communication. How do you identify, cultivate, engage, retain and serve customers? Technology continues to constantly revolutionize how companies make choices about their communication and the media that will carry the branding messages. Learn to strategize, create, market, and grow a business through visual design, social media, copyediting, marketing, business data, and research – all the while building the Kingdom in the mission field that will be your company's organization and putting the Gospel on display through the quality of your work.

Marketing Media Program Learning Outcomes

1. Demonstrate the ability to respond to moral and ethical situations in the electronic media environment from a biblical basis.
2. Demonstrate basic mastery of media production.
3. Demonstrate a strong working knowledge of marketing.
4. For given business ethics situations, identify applicable biblical imperatives.
5. Demonstrate a strong working knowledge of fundamental business skills.

Marketing Media Courses

MGT330	Business Communications	3
MKT350	Marketing Fundamentals	3
BUS310	Statistics for Business	3
BUS320	Business Law	3
BUS330	Business Ethics	3
MKT361	Marketing Strategy	3
INB372	International Business Marketing	3
MKT381	Consumer Behavior	3
MKT462	Sales & Customer Service	3
MKT482	Marketing Research	3
C373	Graphic Design I	3
C122	Social Media & Communication	3
C132	Podcast Studio	3
C191	Pocket Studio	3
C311	Video Production I	3
C312	Video Production II	3
C331	Freelance Entrepreneurship/Digital Age	3
C352	Editing I, Principles of Copyediting	3
C368	Fundamentals of Advertising	3
C381	Beginning Public Relations	3
Total units for major		*60*

Note: Once per semester (up to 4 semesters) one unit of BIB101 is required.

Bachelor of Arts in Organizational Management

Organizational Management

This major is composed of 13 major courses totaling 39 semester units. This program has been designed to help working adults develop effective leadership and management skills in the business arena from a distinctly biblical perspective. The curriculum is organized to provide a greater understanding of the management field, the communication tools necessary for success, and the biblical framework for a Christian in the workplace.

Organizational Management Program Learning Outcomes

1. Demonstrate, in a business management context, the ability to effectively communicate using both written and oral skills.
2. Demonstrate, in a business management context, the ability to work with others in task coordination and goal achievement using a team approach.
3. Demonstrate, in a business management context, the application of analytical and critical thinking.
4. Demonstrate an overall ability to use in an integrated manner all aspects of organizational management practices (including business communication, management, finance, marketing, and human resources).

Organizational Management Courses

Courses are listed in the order in which they are intended to be taken.

BIB306	Christian Worldview/Ethics	3
MGT335	Organizational Communication – Fundamentals	3
MGT336	Organizational Communications – Advanced	3
MGT411	Organizational Management	3
MGT409	Leadership Principles	3
ECN210	Microeconomics	3
MGT351	Human Resource Management	3
MGT430	Technology & Organizational Decision Making	3
BUS320	Business Law	3
BIB453	Biblical Ethics in the World of Business	3
MGT425	Entrepreneurial Marketing	3
MGT435	Financial & Managerial Accounting	3
MGT461	Innovation Lab	3
Total units required for major		*39*

Note: Once per semester (up to 4 semesters) one unit of BIB101 is required.

Bachelor of Science in Business Administration

Business Administration

Business Administration Program Learning Outcomes

1. Demonstrate a strong working knowledge of accounting.
2. Demonstrate a strong working knowledge of economics.
3. Demonstrate a strong working knowledge of the management field.
4. Demonstrate a strong working knowledge of selected information system applications.
5. Demonstrate a strong working knowledge of finance.
6. Demonstrate a strong working knowledge of international commerce.
7. Demonstrate a strong working knowledge of marketing.
8. Demonstrate a strong working knowledge of the quantitative analysis techniques applied within common business situations.
9. Demonstrate a thorough working knowledge of business law, including partnerships, contracts, and personnel.
10. Demonstrate the ability to interpret business-related qualitative and quantitative analyses, and to explain them to others in both written and oral form.
11. Demonstrate the ability to work effectively in teams.
12. For given business ethics situations, identify applicable biblical imperatives.

Accounting Emphasis

Accounting

Students in the Accounting emphasis study accounting theories and principles as recognized and practiced by professional accountants. They learn how to solve complex accounting problems using current tools and technologies. They also learn how to properly manage the financial transactions of individuals, companies, and other entities. Our students are trained in the necessary skills for both public accounting (CPA) and management accounting (CMA) careers.

Accounting

1. Given necessary financial data for a business situation, demonstrate an in-depth working knowledge of the accounting cycle, including development of accurate financial reports in accordance with generally accepted accounting principles (GAAP).
2. Describe auditing standards, reports, and procedures necessary for performing an audit.
3. Demonstrate a basic working knowledge of taxation principles.
4. Demonstrate a working knowledge of cost accounting principles within a business situation.

Accounting Emphasis Courses

MGT330	Business Communication	3
ECN210	Microeconomics	3
MKT350	Marketing Fundamentals	3
MGT310	Management Theory	3
ACC210	Accounting Fundamentals I	3
ACC220	Accounting Fundamentals II	3
CS270A	Business Software Applications	3
INB311	Global Business Strategies	3
BUS320	Business Law	3
BUS330	Business Ethics	3
BUS310	Statistics for Business	3
FIN440	Finance	3
ACC460	Tax Accounting	3
ACC311	Intermediate Accounting I	3
ACC312	Intermediate Accounting II	3
ACC302	Accounting for Non-Profits and Government	3
ACC331	Accounting Professional Responsibility	3
ACC431	Cost Accounting	3
ACC442	Auditing	3
ACC451	Advanced Accounting	3
ACC462	Tax Accounting II	3
BUS490	Advanced Business Seminar (Capstone)	3
Total units for emphasis		*66*

Note: Once per semester (up to 4 semesters) one unit of BIB101 is required.

Finance Emphasis

Finance

The Finance emphasis is designed for students pursuing a career in financial services, whether as a real estate agent, stock broker, wealth manager, corporate finance officer, or in another related role. Our students accumulate expertise in financial analysis techniques, as well as knowledge of money management and contractual responsibilities.

Finance Program Learning Outcomes

1. Demonstrate a working knowledge of the role of banking in the financial community.
2. Demonstrate a basic working knowledge of vehicles and strategies that relate to investments in the stock and bond markets.
3. Demonstrate a basic working knowledge in either decision science or intermediate accounting.
4. Demonstrate a working knowledge of cost accounting principles within a business situation.
5. Demonstrate a basic working knowledge of real estate principles.

Finance Emphasis Courses

MGT330	Business Communications	3
ENC210	Microeconomics	3
MKT350	Marketing Fundamentals	3
MGT310	Management Theory	3
ACC210	Accounting Fundamentals I	3
ACC220	Accounting Fundamentals II	3
CS270A	Business Software Applications	3
INB311	Global Business Strategies	3
BUS320	Business Law	3
BUS330	Business Ethics	3
BUS310	Statistics for Business	3
FIN440	Finance	3
ACC460	Tax Accounting	3
ACC462	Tax Accounting II	3
FIN321	Real Estate Principles	3
FIN332	Financial Services Management	3
FIN341	Investments	3
BUS490	Advanced Business Seminar (Capstone)	3
Choose two of the following		*6*

ACC311 Intermediate Accounting I (3)
ACC312 Intermediate Accounting II (3)
ACC431 Cost Accounting (3)
BUS487 Applied Business Theory (3)
MGT321 Decision Science Fundamentals (3)

Total units for major *60*

Note: Once per semester (up to 4 semesters) one unit of BIB101 is required.

Management Emphasis

Management

This emphasis develops leaders that solve problems and make decisions with understanding of how Scripture impacts every area of business practice. Students study, explore, and apply management theory, concepts, and principles of business administration.

Management Program Learning Outcomes

1. Given a business situation, identify and develop appropriate quantitative tools for operational management.
2. Demonstrate a basic working knowledge of the laws that affect personnel issues in a business organization.
3. Demonstrate a basic working knowledge in at least one of the following management-related areas:
    a. The role of financial intermediation in society.
    b. Vehicles and strategies that relate to investments in the stock and bond markets.
    c. Cost accounting.

Management Emphasis Courses

Courses are listed in the order in which they are intended to be taken.

MGT330	Business Communications*	3
ECN210	Microeconomics	3
MKT350	Marketing Fundamentals	3
MGT310	Management Theory	3
ACC210	Accounting Fundamentals I	3
ACC220	Accounting Fundamentals II	3
CS270A	Business Software Applications	3
INB311	Global Business Strategies	3
BUS320	Business Law	3
BUS330	Business Ethics	3
BUS310	Statistics for Business**	3
MGT351	Human Resource Management	3
FIN440	Finance	3
ACC460	Tax Accounting	3
MGT321	Decision Science Fundamentals	3
Choose three of the following		*9*

BUS368 Entrepreneurship (3)
FIN341 Investments (3)
MKT462 Sales & Customer Service (3)
BUS487 Applied Business Theory (3)

BUS490	Advanced Business Seminar (Capstone)	3
Total units required for major		*57*

**Fulfills G.E. requirement for C100.*
***Fulfills G.E. requirement for MA240.*
Note: Once per semester (up to 4 semesters) one unit of BIB101 is required.

Marketing Emphasis

Marketing

The Marketing emphasis is designed for those pursuing a career in marketing, sales, or a related field. We teach our students how to channel their creativity within a business context by studying sales, product design, interpersonal skills, and metrics. Once they have learned the fundamental concepts and theories of marketing, our students then put them into practice through internship opportunities, which allow them to gain essential experience alongside working professionals.

Marketing Program Learning Outcomes

1. Demonstrate ability to construct effective marketing strategies.
2. Conduct appropriate market research.
3. Evaluate marketing approaches through a biblical filter.

Marketing Emphasis Courses

MGT330	Business Communications	3
ECN210	Microeconomics	3
MKT350	Marketing Fundamentals	3
MGT310	Management Theory	3
ACC210	Accounting Fundamentals I	3
ACC220	Accounting Fundamentals II	3
CS270A	Business Software Applications	3
INB311	Global Business Strategies	3
BUS320	Business Law	3
BUS330	Business Ethics	3
BUS310	Statistics for Business	3
FIN440	Finance	3
ACC460	Tax Accounting	3
INB372	International Business Marketing	3
MKT361	Marketing Strategy	3
MKT381	Consumer Behavior	3
MKT462	Sales & Customer Service	3
MKT482	Marketing Research	3
Choose two of the following		*6*
	BUS368 Entrepreneurship (3)	
	C352 Editing I, Principles of Copyediting (3)	
	C368 Fundamentals of Advertising (3)	
	C373 Graphic Design I (3)	
	C382 Persuasion (3)	
	MKT371 Digital Marketing (3)	
BUS490	Advanced Business Seminar (Capstone)	3
Total units for major		*63*

Note: Once per semester (up to 4 semesters) one unit of BIB101 is required.

Public Relations Emphasis

Public Relations

Students who choose an emphasis in Public Relations take a combination of business and communication courses that prepare them to influence the opinions and choices of people within a free market. As they develop the skills needed to become calculated communication professionals, they are equipped with the ability to guard and uphold the reputations of their future companies.

Public Relations Program Learning Outcomes

1. Demonstrate a basic working knowledge of public relations theory.
2. Demonstrate basic public relations skills within an organizational setting.
3. Demonstrate the ability to make effective written and oral presentations using both logical and persuasive reasoning.

Public Relations Emphasis Courses

MGT330	Business Communications	3
ECN210	Microeconomics	3
MKT350	Marketing Fundamentals	3
MGT310	Management Theory	3
ACC210	Accounting Fundamentals I	3
ACC220	Accounting Fundamentals II	3
CS270A	Business Software Applications	3
INB311	Global Business Strategies	3
BUS320	Business Law	3
BUS330	Business Ethics	3
BUS310	Statistics for Business	3
FIN440	Finance	3
ACC460	Tax Accounting	3
C220	News Media Literacy	3
C381	Beginning Public Relations	3
C392	Advanced Public Relations	3
Choose two of the following		*6*
	C261 Introduction to Journalism (3)	
	MKT361 Marketing Strategy (3)	
	MKT381 Consumer Behavior (3)	
BUS490	Advanced Business Seminar (Capstone)	3
Total units for major		*57*

Note: Once per semester (up to 4 semesters) one unit of BIB101 is required.

Graduate Program Policies

Admissions

General Graduate Admission Requirements

- Testimony of faith in Jesus Christ as their Lord and Savior
- Undergraduate GPA of 2.75 or higher from a regionally accredited institution*
- Official transcripts
- TOEFL Scores and an Official third-party transcript evaluation may be required for international applicants (refer to Online Admissions section for specific information.)
- Additional program requirements as specified by each school

**MABC and M.Ed. programs require a GPA of 3.0 or higher.*

Program Policies

Commencement Exercises Requirements

TMU holds commencement exercises once a year at the end of the Spring semester. A student may participate only if he/she has no more than two classes (four units for MABS, six units for MBA and MED) of all graduation requirements remaining by the date of the commencement exercises. A student who wishes to participate in the commencement exercises must begin the Graduation Contract (formerly "Senior Contract") process with the Registrar's Office prior to the beginning of the second semester of the final year. This process is intended to document the student's progress towards graduation and to facilitate TMU's preparations for commencement exercises and diploma production.

Graduation Requirements

1. A student must complete his/her graduate degree with a minimum 3.0 cumulative GPA and no letter grade lower than a C.
2. For credit hour requirements, refer to each school's specific program information.

Online Graduate Probation Policy

Academic Probation is a status assigned to students who do not meet satisfactory academic requirements (see below). It is a procedure that helps faculty and staff monitor the student's progress in the program and come alongside those who may need greater assistance to improve their academic skills. Students will only be placed on Academic Probation one semester at a time. Students who satisfactorily improve their academic results during the semester of academic probation will be taken off academic probation for the following semester. Students who are unable to satisfactorily improve their academic results during the semester of academic probation may be placed on academic probation for another semester or be asked to take a leave of absence from studies, as decided by the Provost and the School of Online administration.

Beginning Students: To enter the Online Graduate Studies programs, prospective students must have a Cumulative GPA of 2.75 (3.0 for MED) or higher in their undergraduate studies. For those who do not meet this qualification, the Admissions Committee may place such students on academic probation at the start of the program.

Current Students: Current students in the Online graduate programs are required to maintain a Cumulative GPA of 3.0 or higher and a grade of C or higher for each class they take. Students who do not meet these standards in a given semester may be placed on academic probation for the following semester. Any class in which the student earns a C- or lower will need to be retaken before graduation. Any graduate student whose cumulative GPA remains below 3.0 or receives grades lower than a C in classes for two consecutive semesters will be subject to academic disqualification and dismissal from the University. A student subject to disqualification may appeal by submitting a letter to the Provost, stating why he or she should not be disqualified. The student's request will be reviewed by the Provost for a final decision.

Master of Arts in Biblical Studies

The purpose of the Master of Arts in Biblical Studies is to provide a systematic graduate-level study of the various sections of the Old and New Testaments, as well as the major categories of Christian theology with particular focus on their application to current societal issues. In addition to 28 units of biblical/theological studies, the student will take 8 additional units (4-5 courses) in one of the following emphases. The emphases allow the student to develop a more advanced understanding of the biblical foundation and methods of specific aspects of church ministry that are particularly relevant to their life situation.

Biblical Studies (General)

Biblical Studies (General) Program Learning Outcomes

1. Be able to describe in detail, including appropriate biblical support, the origin (supernatural and historical), divine purposes, nature, and message of the 66 books of the biblical canon.
2. Use correct hermeneutical principles to present a theologically-defensible explanation, interpretation, and application(s) of any given biblical text in its historical and theological dimensions.
3. Present a detailed explanation of the central theological themes of the Christian Scriptures, including appropriate biblical support for each.
4. Explain in detail, including appropriate biblical support, the key presuppositions underlying a biblical worldview, and defend it in relation to other prevalent worldviews.
5. Develop thoughtful, defensible responses to prevalent contemporary personal, ecclesiastical, and societal issues which: a. are founded in a biblical worldview, 213 b. make extensive and effective use of the biblical text, and c. are consistent with the principles of systematic theology.
6. Demonstrate ability to perform and communicate graduate-level biblical research that includes application principles for practical ministry and living where appropriate.

M.A. Biblical Studies Core Courses

Courses are listed in the order in which they are intended to be taken.

BTS500	Introduction to Biblical Studies	2
BTS501	Hermeneutics	2
BTS510	Land of the Bible*	2
BTS511	Creation and Covenant	2
BTS512	History of the Covenant People	2
BTS513	Prophecy and Prophets in Context	2
BTS515	Worship and Wisdom	2
BTS521	Historical Background of the New Testament	2
BTS522	Life, Ministry, and Theology of Christ	2
BTS520	Early Church and Book of Acts	2
BTS523	Letters and Theology of Paul	2
BTS524	Hebrews and General Epistles	2
BTS550	Central Themes in Biblical Theology	2
BTS571	Contemporary Issues in Theology	2
Total units required for core courses		*28*

**By petition of the program chair, students may elect to take IBEX570 Physical Geography of Israel in place of BTS510.*

Biblical Studies (General) Courses

MABS core courses	28
MABS Electives*	8
Total units required for emphasis	*36*

**By petition of the program chair, students may elect to take BTS530 Religions & Culture of Turkey & Greece to fulfill a MABS elective.*

Biblical Languages Emphasis

Biblical Languages

Building on a required elementary knowledge of Greek and Hebrew, the student will learn more grammatical features of each language and learn an exegetical method to interpret the Bible in light of its original languages. *Prerequisite: 9 undergraduate units of Greek (I, II, III) and 9 undergraduate units of Hebrew (I, II, III), or equivalent approved by the chair.*

M.A. Biblical Studies Program Learning Outcomes

1. Be able to describe in detail, including appropriate biblical support, the origin (supernatural and historical), divine purposes, nature, and message of the 66 books of the biblical canon.
2. Use correct hermeneutical principles to present a theologically-defensible explanation, interpretation, and application(s) of any given biblical text in its historical and theological dimensions.
3. Present a detailed explanation of the central theological themes of the Christian Scriptures, including appropriate biblical support for each.
4. Explain in detail, including appropriate biblical support, the key presuppositions underlying a biblical worldview, and defend it in relation to other prevalent worldviews.
5. Develop thoughtful, defensible responses to prevalent contemporary personal, ecclesiastical, and societal issues which: a. are founded in a biblical worldview, 213 b. make extensive and effective use of the biblical text, and c. are consistent with the principles of systematic theology.
6. Demonstrate ability to perform and communicate graduate-level biblical research that includes application principles for practical ministry and living where appropriate.

M.A. Biblical Studies Core Courses

Courses are listed in the order in which they are intended to be taken.

BTS500	Introduction to Biblical Studies	2
BTS501	Hermeneutics	2
BTS510	Land of the Bible*	2
BTS511	Creation and Covenant	2
BTS512	History of the Covenant People	2
BTS513	Prophecy and Prophets in Context	2
BTS515	Worship and Wisdom	2
BTS521	Historical Background of the New Testament	2
BTS522	Life, Ministry, and Theology of Christ	2
BTS520	Early Church and Book of Acts	2
BTS523	Letters and Theology of Paul	2
BTS524	Hebrews and General Epistles	2
BTS550	Central Themes in Biblical Theology	2
BTS571	Contemporary Issues in Theology	2
Total units required for core courses		*28*

**By petition of the program chair, students may elect to take IBEX570 Physical Geography of Israel in place of BTS510.*

Biblical Languages Emphasis Courses

MABS core courses		28
BTS600	Intermediate Greek	2
BTS601	Intermediate Greek Exegesis	2
BTS602	Intermediate Hebrew	2
BTS603	Intermediate Hebrew Exegesis	2
Total units required for emphasis		*36*

Missions Emphasis

Missions

The Missions emphasis will equip the student to understand, support, and participate in the mission of God through the local church at home and around the world.

M.A. Biblical Studies Program Learning Outcomes

1. Be able to describe in detail, including appropriate biblical support, the origin (supernatural and historical), divine purposes, nature, and message of the 66 books of the biblical canon.
2. Use correct hermeneutical principles to present a theologically-defensible explanation, interpretation, and application(s) of any given biblical text in its historical and theological dimensions.
3. Present a detailed explanation of the central theological themes of the Christian Scriptures, including appropriate biblical support for each.
4. Explain in detail, including appropriate biblical support, the key presuppositions underlying a biblical worldview, and defend it in relation to other prevalent worldviews.
5. Develop thoughtful, defensible responses to prevalent contemporary personal, ecclesiastical, and societal issues which: a. are founded in a biblical worldview, 213 b. make extensive and effective use of the biblical text, and c. are consistent with the principles of systematic theology.
6. Demonstrate ability to perform and communicate graduate-level biblical research that includes application principles for practical ministry and living where appropriate.

M.A. Biblical Studies Core Courses

Courses are listed in the order in which they are intended to be taken.

BTS500	Introduction to Biblical Studies	2
BTS501	Hermeneutics	2
BTS510	Land of the Bible*	2
BTS511	Creation and Covenant	2
BTS512	History of the Covenant People	2
BTS513	Prophecy and Prophets in Context	2
BTS515	Worship and Wisdom	2
BTS521	Historical Background of the New Testament	2
BTS522	Life, Ministry, and Theology of Christ	2
BTS520	Early Church and Book of Acts	2
BTS523	Letters and Theology of Paul	2
BTS524	Hebrews and General Epistles	2
BTS550	Central Themes in Biblical Theology	2
BTS571	Contemporary Issues in Theology	2
Total units required for core courses		*28*

**By petition of the program chair, students may elect to take IBEX570 Physical Geography of Israel in place of BTS510.*

Missions Emphasis Courses

MABS core courses		28
BTS620	Mission in the Bible	2
BTS621	Mission in History	2
BTS622	Mission of God in the Local Church	2
BTS623	Mission of God in the World	2
Total units required for emphasis		*36*

Music & Worship Emphasis

Music & Worship

The emphasis in Music & Worship is designed to enrich the life of the church. Students will learn to design, produce, and lead theologically sound worship services.

M.A. Biblical Studies Program Learning Outcomes

1. Be able to describe in detail, including appropriate biblical support, the origin (supernatural and historical), divine purposes, nature, and message of the 66 books of the biblical canon.
2. Use correct hermeneutical principles to present a theologically-defensible explanation, interpretation, and application(s) of any given biblical text in its historical and theological dimensions.
3. Present a detailed explanation of the central theological themes of the Christian Scriptures, including appropriate biblical support for each.
4. Explain in detail, including appropriate biblical support, the key presuppositions underlying a biblical worldview, and defend it in relation to other prevalent worldviews.
5. Develop thoughtful, defensible responses to prevalent contemporary personal, ecclesiastical, and societal issues which: a. are founded in a biblical worldview, 213 b. make extensive and effective use of the biblical text, and c. are consistent with the principles of systematic theology.
6. Demonstrate ability to perform and communicate graduate-level biblical research that includes application principles for practical ministry and living where appropriate.

M.A. Biblical Studies Core Courses

Courses are listed in the order in which they are intended to be taken.

BTS500	Introduction to Biblical Studies	2
BTS501	Hermeneutics	2
BTS510	Land of the Bible*	2
BTS511	Creation and Covenant	2
BTS512	History of the Covenant People	2
BTS513	Prophecy and Prophets in Context	2
BTS515	Worship and Wisdom	2
BTS521	Historical Background of the New Testament	2
BTS522	Life, Ministry, and Theology of Christ	2
BTS520	Early Church and Book of Acts	2
BTS523	Letters and Theology of Paul	2
BTS524	Hebrews and General Epistles	2
BTS550	Central Themes in Biblical Theology	2
BTS571	Contemporary Issues in Theology	2
Total units required for core courses		*28*

**By petition of the program chair, students may elect to take IBEX570 Physical Geography of Israel in place of BTS510.*

Music & Worship Emphasis Courses

MABS core courses		28
BTS640	Worship Theology	2
BTS641	Worship Design	2
BTS642	Devotional Life of the Worship Leader	2
BTS645	Worship Leadership and Administration	2
Total units required for emphasis		*36*

Theological Studies Emphasis

Theological Studies
Building on a basic knowledge of theology, the student will explore a deeper understanding of each doctrine, and learn how to defend each doctrine in the face of challenges. A theology of practical ministry will also be developed.

M.A. Biblical Studies Program Learning Outcomes

1. Be able to describe in detail, including appropriate biblical support, the origin (supernatural and historical), divine purposes, nature, and message of the 66 books of the biblical canon.
2. Use correct hermeneutical principles to present a theologically-defensible explanation, interpretation, and application(s) of any given biblical text in its historical and theological dimensions.
3. Present a detailed explanation of the central theological themes of the Christian Scriptures, including appropriate biblical support for each.
4. Explain in detail, including appropriate biblical support, the key presuppositions underlying a biblical worldview, and defend it in relation to other prevalent worldviews.
5. Develop thoughtful, defensible responses to prevalent contemporary personal, ecclesiastical, and societal issues which: a. are founded in a biblical worldview, 213 b. make extensive and effective use of the biblical text, and c. are consistent with the principles of systematic theology.
6. Demonstrate ability to perform and communicate graduate-level biblical research that includes application principles for practical ministry and living where appropriate.

M.A. Biblical Studies Core Courses

Courses are listed in the order in which they are intended to be taken.

BTS500	Introduction to Biblical Studies	2
BTS501	Hermeneutics	2
BTS510	Land of the Bible*	2
BTS511	Creation and Covenant	2
BTS512	History of the Covenant People	2
BTS513	Prophecy and Prophets in Context	2
BTS515	Worship and Wisdom	2
BTS521	Historical Background of the New Testament	2
BTS522	Life, Ministry, and Theology of Christ	2
BTS520	Early Church and Book of Acts	2
BTS523	Letters and Theology of Paul	2
BTS524	Hebrews and General Epistles	2
BTS550	Central Themes in Biblical Theology	2
BTS571	Contemporary Issues in Theology	2
Total units required for core courses		*28*

**By petition of the program chair, students may elect to take IBEX570 Physical Geography of Israel in place of BTS510.*

Theological Studies Emphasis Courses

MABS core courses		28
BTS660	Systematic Theology	2
BTS661	Theological Apologetics	2
BTS662	Research in Theology	2
BTS663	Practical Theology	2
Total units required for emphasis		*36*

Women's Ministry

Women's Ministry

The emphasis in Women's Ministry prepares women to lead and design unique ministry opportunities for other women, which will deepen and enrich the spiritual life of the church. Only open to women.

M.A. Biblical Studies Program Learning Outcomes

1. Be able to describe in detail, including appropriate biblical support, the origin (supernatural and historical), divine purposes, nature, and message of the 66 books of the biblical canon.
2. Use correct hermeneutical principles to present a theologically-defensible explanation, interpretation, and application(s) of any given biblical text in its historical and theological dimensions.
3. Present a detailed explanation of the central theological themes of the Christian Scriptures, including appropriate biblical support for each.
4. Explain in detail, including appropriate biblical support, the key presuppositions underlying a biblical worldview, and defend it in relation to other prevalent worldviews.
5. Develop thoughtful, defensible responses to prevalent contemporary personal, ecclesiastical, and societal issues which: a. are founded in a biblical worldview, 213 b. make extensive and effective use of the biblical text, and c. are consistent with the principles of systematic theology.
6. Demonstrate ability to perform and communicate graduate-level biblical research that includes application principles for practical ministry and living where appropriate.

M.A. Biblical Studies Core Courses

Courses are listed in the order in which they are intended to be taken.

BTS500	Introduction to Biblical Studies	2
BTS501	Hermeneutics	2
BTS510	Land of the Bible*	2
BTS511	Creation and Covenant	2
BTS512	History of the Covenant People	2
BTS513	Prophecy and Prophets in Context	2
BTS515	Worship and Wisdom	2
BTS521	Historical Background of the New Testament	2
BTS522	Life, Ministry, and Theology of Christ	2
BTS520	Early Church and Book of Acts	2
BTS523	Letters and Theology of Paul	2
BTS524	Hebrews and General Epistles	2
BTS550	Central Themes in Biblical Theology	2
BTS571	Contemporary Issues in Theology	2
Total units required for core courses		*28*

**By petition of the program chair, students may elect to take IBEX570 Physical Geography of Israel in place of BTS510.*

Women's Ministry Emphasis Courses

MABS courses		28
BTS680	Foundations of Women's Ministry	2
BTS681	Message Preparation for Women	2
BTS682	Counseling and Discipling Women	2
BTS683	Women in Church History	2
Total units required for emphasis		*36*

Master of Business Administration

Management Emphasis

Management

The focus of this program is to provide graduate-level instruction to equip individuals to work effectively in a broad range of business environments. It is the goal of TMU's online MBA program to develop students' ability to:

- Conduct quantitative analyses of complex business situations.
- Strategically solve complex business problems.
- Integrate Scripture into the decision-making process.
- Communicate at an advanced level in a variety of verbal and written formats and business-related situations.
- Apply high-level business concepts to real life business situations.

Master of Business Administration Program Learning Outcomes

1. Conduct quantitative analyses of complex business situations.
2. Strategically solve complex business problems.
3. Integrate Scripture into the decision-making process.
4. Communicate at an advanced level in a variety of verbal and written formats, and a range of business-related situations.
5. Apply high-level business concepts to real life business situations.

Management Degree Courses

Prerequisites:

B121	Essentials of Christian Thought	3
ECN200	Essentials of Economics and Society	3
ECN210	Microeconomics	3
BUS310	Business Statistics	3

Courses are listed in the order in which they are intended to be taken.

BUS510	Enterprise and Public Policy	3
BUS520	Business Law	3
MKT561	Marketing Strategy	3
MGT530	Business Management	3
MGT510	Organizational Behavior	3
INB511	International Business	3
ACC500	Accounting	3
MGT520	Contemporary Issues in Business	3
FIN540	Corporate Finance	3
MKT563	Consumer Engagement	3
MGT550	Operations Management	3
MGT590	Leadership	3
Total units required for degree		*36*

Sport Management Emphasis

Sport Management

Built on the foundation of the fully online traditional TMU MBA, this program provides a solid emphasis and knowledge base of the professional skills necessary to succeed in the dynamic business of intercollegiate, Olympic, and professional levels of sport. This emphasis includes access to an extensive network of professional sports contacts to provide opportunities for practical experiences and network relationship building. Biblical faith will be integrated throughout this program as our graduates prepare for future careers of service in sporting endeavors to the honor and glory of God.

Master of Business Administration Program Learning Outcomes

1. Conduct quantitative analyses of complex business situations.
2. Strategically solve complex business problems.
3. Integrate Scripture into the decision-making process.
4. Communicate at an advanced level in a variety of verbal and written formats, and a range of business-related situations.
5. Apply high-level business concepts to real life business situations.

Sport Management Courses

Prerequisites:

B121	Essentials of Christian Thought	3
BUS310	Statistics for Business	3
ECN200	Essentials of Economics & Society	3
ECN210	Microeconomics	3
SPM200	Introduction to Sport Management	3

Courses are listed in the order in which they are intended to be taken.

BUS510	Enterprise and Public Policy	3
BUS520	Business Law	3
MKT561	Marketing Strategy	3
MGT510	Organizational Behavior	3
ACC500	Accounting	3
MGT520	Contemporary Issues in Business	3
FIN540	Corporate Finance	3
MGT550	Operations Management	3
MGT590	Leadership	3
SPM510	Management Analytics for Sport	3
SPM520	Facility Development and Management	3
SPM530	Economics of Sport	3
Total units required for degree		*36*

Master of Education in Teaching

Master of Education in Teaching

The Master of Education in Teaching (M.Ed.) program is an online graduate degree program designed to help strengthen teaching practice of classroom teachers. The program is designed to help teachers build on knowledge learned in a credential program and/or on the job, with courses emphasizing practical application of theory with a scriptural lens. Students will complete projects relevant to their current teaching assignment. The capstone project for the program includes a formal action research project. The program follows the cohort model, with students progressing through the sequence of courses together. Note: the program does not lead to a California teaching credential. Upon completion of the program, students will be able to:

- Apply a biblical worldview and specific scriptural principles in the evaluation of any educational program or issue.
- Apply instructional theory to design and implement effective instructional strategies appropriate for the subject matter and student characteristics (including age, diversity, and exceptionality).
- Apply assessment theory to design and implement effective student and program assessment strategies in a range of subject areas and educational settings.
- Work effectively as a leader and/or team member within a collaborative educational environment.
- Perform and communicate results of graduate-level educational research, which includes effectively analyzing and evaluating the results of educational research, as well as applying the results to specific problems or issues as appropriate.

Master of Education in Teaching Program Learning Outcomes

1. Apply a biblical worldview and specific scriptural principles in the evaluation of any educational program or issue.
2. Apply instructional theory to design and implement effective instructional strategies appropriate for the subject matter and student characteristics (including age, diversity, and exceptionality).
3. Apply assessment theory to design and implement effective student and program assessment strategies in a range of subject areas and educational settings.
4. Work effectively as a leader and/or team member within a collaborative educational environment.
5. Conduct and communicate graduate-level educational research, which includes effectively analyzing and evaluating the results of that research, as well as applying the results to specific problems or issues as appropriate.

Master of Education in Teaching Degree Courses

Courses are listed in the order in which they are intended to be taken.

ED564	Diversity & Differentiation in Education	3
ED542	Classroom Management	3
ED505	History & Philosophy of Education	3
ED534	Essentials of Curriculum Structure	3
ED544	Educational Technology	3
ED532	Learning Theory	3
ED574	Educational Research	3
ED578	Action Research in Education	3
ED536	Assessment of Learning	3
ED552	Educational Leadership	3
ED595	Capstone Seminar	3
Total units required for degree		*33*

Master of Healthcare Administration

Master of Healthcare Administration

The Master of Healthcare Administration will educate and prepare the next generation of Christian leaders in the healthcare industry. At the completion of this program, they will be prepared to be creative change agents to enrich healthcare organizations and lead them effectively in today's tempestuous business environment into the future and with an eternal impact for the Kingdom of God.

Our curriculum integrates essential leadership and management competencies with interprofessional practices. The goal is to enable students to make evidence-based decisions that will affect change in the complex and diverse healthcare industry while integrating scripture in all areas of their personal and professional life.

The learning outcomes of the degree are:

Master of Healthcare Administration Program Learning Outcomes

1. Leadership – Applying knowledge regarding various attributes of leadership and demonstrate the capacity for leadership roles in healthcare organizations.
2. Communication & Relationship Management – Demonstrating the ability to communicate clearly and effectively and use shared knowledge in building high-performance working relationships.
3. Professionalism – Demonstrating an alignment of personal and organizational conduct with ethical and professional standards that include integrity, ethical behavior, service, and professional development.
4. Knowledge of Healthcare Environment – Demonstrating an understanding of the healthcare system and the environment in which healthcare managers and providers function.
5. Business Skills and Knowledge – Integrating scholarly research, critical thinking, analysis, problem-solving, and business principles to address opportunities and issues in the healthcare environment proactively.

Master of Healthcare Administration Degree Courses

HA500	The U.S. Healthcare Delivery System	3
HA510	Leadership of Health Organizations	3
HA520	Law and Ethics in Healthcare	3
FIN540	Corporate Finance	3
HA530	Human Resource Management in Healthcare	3
HA540	Inpatient and Continuum Care	3
HA545	Outpatient and Primary Care	3
HA550	Healthcare Quality, Risk, and Compliance	3
HA560	Strategic Management in Healthcare	3
HA570	Healthcare Technology and Analytics	3
HA580	Global Health and Management Issues	3
HA590	Capstone Seminar in Healthcare Administration	3
Total units required for degree		*36*

COURSE DESCRIPTIONS

Course Numbering System

The first digit in the course number indicates the year during which a student will typically take that course:

100-199	Freshman-level courses
200-299	Sophomore-level courses
300-399	Junior-level courses
400-499	Senior-level courses
500-699	Graduate level courses

Frequency Codes

Subject to change. See Academic Department for more information.

[ET]	Every Term (semester)
[FA]	Every year, Fall
[SP]	Every year, Spring
[SU]	Every year, Summer
[OFA]	Odd years, Fall
[ESP]	Even years, Spring
[EFA]	Even years, Fall
[OSP]	Odd years, Spring
[3-4]	Offered every 3-4 years
[OOD]	Offered on demand
[SPC]	Special Courses

Letter Designation of Courses

ACC	Accounting
AGB	Agricultural Business
ART	Art
B	Bible: General
BC	Bible: Biblical Counseling
BCE	Bible: Christian Education
BCH	Bible: Church History
BCW	Bible: Apologetics
BE	Behavioral Studies
BIB	Biblical Studies
BL	Bible: Biblical Languages
BMN	Bible: Ministries
BMS	Bible: Global Studies
BTH	Bible: Theology
BTS	Biblical Studies - Graduate Level
BUS	Business
BYM	Bible: Youth Ministries
C	Communication
CH	Chemistry
CLA	Classical Liberal Arts
CS	Computer Science
E	English
ECE	Electrical and Computer Engineering
ECN	Economics
ED	Education
EGR	Engineering
ENT	Entrepreneurship
ESL	English as a Second Language
FIN	Finance
GE	General Education (transfer codes)
GS	Geoscience
H	History
HA	Healthcare Administration
HU	Humanities
IA	Intercollegiate Athletics
IBEX	Israel Bible Extension
IDS	Interdisciplinary Studies
INB	International Business
ITA	Italian
KIN	Kinesiology
LAT	Latin
LS	Biological Science
MA	Mathematics
ME	Mechanical Engineering
MGT	Management
MIS	Management Information Systems
MKT	Marketing
MU	Music
OLP	Online Program
P	Philosophy
POL	Political Studies
PS	Physical Science
SP	Spanish
SPM	Sport Management
SS	Social Science

ACC210 Accounting Fundamentals I (3)
Fee: $25.
This course is an intensive study of the processes and procedures that accountants use for analyzing, recording, and reporting a business organization's assets, liabilities, and owner's equity. [ET]

ACC220 Accounting Fundamentals II (3)
Prerequisite: ACC210.
Fee: $25
This course completes the study of financial accounting begun in ACC210 by examining the procedures for reporting liabilities and stockholders' equity on external financial statements for a corporation. Then, the course explores management's use of job order, process, and standard cost accounting systems for decision making. Additional topics include the preparation of budgets, ratio analyses, and federal income tax returns. [ET]

ACC302 Accounting for Non-Profits and Government (3)
Prerequisite: ACC210, ACC220.
Presents the theories and practices of generally accepted accounting principles and fund accounting techniques used by governmental and non-profit organizations, with an emphasis on Christian ministry accounting. [SP]

ACC311 Intermediate Accounting I (3)
Prerequisite: ACC220.
Fee: $25
A comprehensive study of financial statements of business enterprises, focusing on the systematic development of theory and practice from generally accepted accounting principles. [FA]

ACC312 Intermediate Accounting II (3)
Prerequisite: ACC311.
Fee: $25
An analytical study of the corporate form of entity accounting with stocks, bonds, long and short-term investments, revenue recognition, pension plans, lease arrangements, and existing reporting practices promulgated by leading professional organizations. [SP]

ACC329 Accounting IS Applications (3)
Prerequisite: ACC210.
This course teaches computer applications that are accepted as standard in the business world. Emphasis is placed on the practical implementation of end-user software in a business environment. The use of spreadsheet and accounting programs to support business processes will be studied in depth. IT topics covered on the CPA exam will also be taught in the course. A computer with Excel and QuickBooks is required for this class. [SPC]

ACC331 Accounting Professional Responsibility (3)
An all-inclusive study of professional responsibility and ethics in the accounting profession. This course will provide students with comprehensive knowledge of ethical standards from state agencies and professional organizations. [FA]

ACC431 Cost Accounting (3)
Prerequisite: ACC220.
Theories and practices relating to management planning and control through methods of cost accumulation. Job order, process, and standard costing systems are studied as methods of cost accounting and cost distribution. [FA]

ACC442 Auditing (3)
Prerequisite: ACC312.
Presents the procedures and practices employed by auditors to systematically appraise and examine the reliability, adequacy, and effectiveness of the client's financial statements. Describes the duties and responsibilities of independent auditors, the methods of preparing audit reports and the manner of expressing opinion as to the fairness of the financial reports under audit. [SP]

ACC451 Advanced Accounting (3)
Prerequisite: ACC312.
An exhaustive study of earnings per share using dilutive and anti-dilutive securities, preparation of multi-step income statements, and a detailed study of techniques of preparation of consolidated corporate statements. [FA]

ACC460 Tax Accounting (3)
A study of the chronological progress of the income tax system combined with the Federal Revenue codes under the changing political and economic environments. Emphasis is on the elements of gross income, adjusted gross income, exclusions, itemized deductions, exemptions, and preparation of individual tax returns in detail. A brief introduction to tax laws for corporations, partnerships, estates, and trusts will also be included. [ET]

ACC462 Tax Accounting II (3)
Prerequisite: ACC220; ACC460 is recommended but not required.
A comprehensive study of tax laws and returns for corporations, partnerships, estates, and trusts. Studies include specially taxed corporations, taxation of securities, retirement, pension plans, and gift taxes. [SP]

ACC483 Accounting Internship (1-4)
Prerequisites: ACC312 and permission of department chairperson.
An on-site work experience that gives the student practical training in specific accounting techniques and their application. Evaluation will be made by the work supervisor and an accounting instructor. [OFA]

ACC499 Directed Studies: Accounting (1)
Prerequisite: permission of advisor.
A variety of study topics are available under this heading as desired to meet the special accounting interest of the student. [SPC]

(ACC) Accounting - Graduate Level

ACC500 Accounting (3)
School of Online degrees(s) only.
Students learn to prepare and analyze financial statements. Students apply accounting methods for the purpose of informing management decisions.

ACC510 Managerial Accounting (3)
School of Online degrees(s) only.
Prerequisite: ACC520.
The course covers the application of basic and advanced accounting methods for the purpose of informing management decisions.

ACC520 Financial Accounting (3)
School of Online degrees(s) only.
Prerequisite: BUS510.
Students learn to prepare and analyze financial statements. Students apply these skills to corporate decision making and evaluation processes.

ACC530 Accounting for Sports Management (3)
School of Online degrees(s) only.
Students learn to apply accounting methods to the preparation and analysis of financial statements, and to the facilitation of internal decision-making.

(AGB) Agricultural Business

AGB301 Agricultural Management (3)
This course looks at the management of the agricultural firm, including organization, planning, direction, and process control. The students will understand tools of decision-making and factor-allocation in agricultural production. Special emphasis is placed on finance sources and business organizations, including the co-op model. [FA]

AGB302 Marketing Agricultural Products (3)
Marketing agency and supply-chain functions involved in the delivery of agricultural products from source to the consumer are explored. Students learn how the behavior of farmers, marketing agents, and consumers affect the organization, pricing, and performance of food markets. [SP]

AGB400 Agricultural Field Study (2)
Five-day on-site study at two agricultural sites for firsthand experience with management processes. Students will compare and contrast management processes, observing and analyzing site-specific practices. [ET]

AGB401 Agricultural Economics (3)
This course explores the application of concepts from Macro and Microeconomics to agriculture, including commodities market analysis and the basics of futures markets, including local market basis. [FA]

AGB402 Government Policy in Agribusiness (3)
This course examines the effects of banking systems, exchange rates, monetary policy, and international trade policy on the business of agriculture. Students will understand subsidies and regulations in the context of global agriculture. [SP]

(ART) Art

ART330 Integrating Discipline-Based Art into the Elementary Classroom (3)
School of Education course.
Prerequisites: ED202 or ED301 and junior standing.
Fee: $25.
Students in this course will explore visual art connected to academic disciplines of language and literature, history and social science, mathematics, science, and performing arts. Students will learn to teach visual art in the classroom using the elements and principles of art and will be instructed in DBAE (Discipline-Based Art Education), which includes the history of famous artists, viewing artwork critically, and finding the aesthetic value in art. Students will not only learn the basic principles of art, but will have numerous hands-on experiences in a variety of media that will produce valuable and practical lessons for the elementary classroom. Students will learn that art encourages creativity in other areas of study, can boost self-efficacy in their students, and broaden the understanding of other cultures. This course will show that art projects can be integrated in other disciplines providing another dimension to the learning process. Enrollment limited to Liberal Studies: Elementary Education majors, unless approved by instructor. [SP]

ART338 Art History of the Western World (3)
G.E. substitute: fulfills MU190.
Built on the foundation of 14 three-hour-long art slide programs ranging from Neolithic stonework and cave painting to ancient Greek sculpture to the Middle Ages to the masterpieces of the Renaissance to 20th-century art, the course surveys the major periods, media, and styles. Strong emphasis on the Italian Renaissance and somewhat greater emphasis on painting than on architecture and sculpture. Format is viewing, discussion, and writing, with a comprehensive final and several short papers. A major goal is to establish a historical and cultural "canon" in Western art history as seen from a theological aesthetic. Currently only offered through TMU Italy.

(B) Bible: General

B101 Old Testament Survey I (3)
It is strongly recommended that B101 be taken before B102.
Fee: $25.
An introduction to the entire Old Testament, employing both thematic and exegetical methods. Literary structure, historical background, and parallel passages are also utilized to discover the unique and priceless lessons of each book. This surveys Genesis through Samuel. [FA]

B102 Old Testament Survey II (3)
It is strongly recommended that B101 be taken before B102.
Fee: $25.
An introduction to the entire Old Testament, employing both thematic and exegetical methods. Literary structure, historical background, and parallel passages are also utilized to discover the unique and priceless lessons of each book. This surveys Kings through Malachi. [SP]

B121 Essentials of Christian Thought (3)
Fee: $25.
This course is designed to provide the first-year student with the proper framework to think biblically via exploration of inerrancy, hermeneutics, and worldview. The student will begin to form a conviction about the nature of God's Word, how it should be interpreted, and that every part of life and existence must be informed by truth. This sets up the importance of the education at The Master's University in its entire curriculum, both G.E. and major courses, and helps every student understand how Christian thought builds the church and makes an eternal impact. [FA]

B201 New Testament Survey I (3)
It is strongly recommended that B201 be taken before B202.
Fee: $25.
An introduction to the books of the New Testament, with special emphasis on the life, teachings, and redemptive work of Christ; the founding and growth of the church; and the teachings of the epistles and Revelation. On the basis of the biblical text, parallel readings, projects, and lectures, the events and messages of the New Testament will be portrayed against their historical and cultural setting. This course surveys the Gospels and Acts. [FA]

B202 New Testament Survey II (3)
It is strongly recommended that B201 be taken before B202.
Fee: $25.
An introduction to the books of the New Testament, with special emphasis on the life, teachings, and redemptive work of Christ; the founding and growth of the church; and the teachings of the epistles and Revelation. On the basis of the biblical text, parallel readings, projects, and lectures, the events and messages of the New Testament will be portrayed against their historical and cultural setting. This course is devoted to the Epistles and Revelation. [SP]

B203 Media Strategies: Ministry and Missions (3)
Same as C203.
Fee: $100
This course equips students with foundational skills to create impactful media for churches, ministries, and the mission field. Through hands-on projects, practical instruction, and internship opportunities, students will gain real-world experience while learning the technical and creative aspects of video production, audio design, and live-streaming. A key emphasis is placed on serving in ministry contexts with a strong theological foundation, exploring how media can be used as a tool for gospel communication and discipleship. Key topics include storytelling techniques for ministry, filming in the missions field, and working in a live production environment. Whether you're just starting or looking to take your skills to the next level, this course will help you create meaningful and effective media that aligns with a biblical understanding of ministry and enhances the church's mission.

B300 Land of the Bible (3)
School of Online degree(s) only.
This course is a visual study of the Land of Israel, with emphasis on the biblical sites. It employs aerial videos of the sites and 34 hours of lectures explaining the sites. In-depth study of a biblical atlas and the geographical aspects of the life of Christ are included.

B301 Old Testament Survey I (3)
Prerequisite: Only for Teacher Education majors who need additional upper division credits.
Fee: $25.
An introduction to the entire Old Testament, employing both thematic and exegetical methods. Literary structure, historical background, and parallel passages are also utilized to discover the unique and priceless lessons of each book. This surveys Genesis through Samuel. [FA]

B302 Old Testament Survey II (3)
Prerequisite: Only for Teacher Education majors who need additional upper division credits.
Fee: $25.
An introduction to the entire Old Testament, employing both thematic and exegetical methods. Literary structure, historical background, and parallel passages are also utilized to discover the unique and priceless lessons of each book. This surveys Kings through Malachi. [SP]

B306 Genesis (3)
School of Biblical Studies degree(s): no prerequisites.
School of Online degrees(s) prerequisites: B101, B102, B201, B202, B340, B310, BTH321, and BTH322.
A systematic study of the Book of Beginnings in which problem areas are studied, introductory materials are given, the best English texts are analyzed verse by verse, and devotional application is made. [OSP]

B310 Foundations of Biblical Study (3)
School of Online degree(s) only.
This course introduces the student to the necessary skills and techniques that promote educational success in the online environment. Academic writing and research techniques promoting information literacy are examined and applied. This course is also undergirded by an essential focus on spiritual formation foundational to healthy ministry, personal as well as corporate, within the life of the church. Guiding principles for biblical ministry are established within the curriculum.

B311 The Gospel of John (3)
An expository treatment of this important Gospel for the purpose of bringing out the great message of the book. Special attention is given to theological and Christological content, along with practical truths. [FA]

B317 2 Samuel (3)
An expositional study of the book of 2 Samuel, with particular attention to its internal theological development and its canonical development of Messianic theology. [3-4]

B318 1 & 2 Corinthians (3)
The sequence of thought as well as the major problems in these books are carefully examined with special emphasis on how the books intersect with our personal and corporate Christian experience. [OOD]

B319 The Bible and Money (3)
Same as BUS319 and IDS319.
A comprehensive study of the Bible and what it has to say about business and money. Topics will include giving/tithing, a biblical view toward money and wealth, saving and investing, and specifically ways that Jesus addressed the topic of money. There will be a comparison to what the world has to say about those topics. Cross Listed as: BUS319 as UD Business Elective and IDS319. [SPC]

B327 Daniel (3)
A study of the book of Daniel emphasizing not only the text of the book, but also the background and theology behind the book. [3-4]

B328 Matthew (3)
A study of the Gospel of Matthew with emphasis upon the King and His Kingdom, as well as Jesus' sermons, miracles, and parables. [OOD]

B335 Revelation (3)
School of Online degree(s) only. Prerequisites: B101, B102, B201, B202, B340, B310, BTH321, and BTH322.
An introduction and detailed study of this book, with special attention given to the eschatological significance of its message.

B337 Revelation (3)
An introduction and detailed study of this book, with special attention given to the eschatological significance of its message. [3-4]

B338 Ephesians (3)
An exposition of Paul's letter with emphasis on the believer's position in Christ and place in the Church. [OOD]

B340 Biblical Interpretation (3)
School of Online degree(s) only.
An analysis of how to study and understand Scripture. Emphasis will be placed on the vital methods used to apply a passage and the specific rules used to interpret biblical narratives, poetry, parables, and prophecy.

B342 Romans (3)
School of Biblical Studies degree(s): no prerequisites.
School of Online degrees(s) prerequisites: B101, B102, B201, B202, B340, B310/BIB310, BTH321, and BTH322.
An analysis emphasizing the great soteriological themes, including sin, justification, sanctification, and glorification, and an investigation of the practical implication of these doctrines. [SP]

B346 Life of Christ (3)
School of Biblical Studies degree(s): no prerequisites.
School of Online degrees(s) prerequisites: B101, B102, B201, B202, B340, B310, BTH321, and BTH322.
A thorough overview of the life of Jesus Christ on earth, with special attention to the developing emphases and distinctive purposes that prevailed during our Lord's public ministry. Theological and chronological difficulties are also considered. [OSP]

B347 The Epistles of John (3)
A study of the importance of John's epistles in the historical framework of the early church, giving special attention to the polemic nature of the epistles as well as to the practical instructions contained in them. [3-4]

B348 Ecclesiastes (3)
An exposition of this Wisdom book that emphasizes its meaning, theology, and application for the believer today. [OOD]

B349 Life of Paul (3)
A chronological survey of the apostle Paul's life and ministry, with attention to the geographical setting, historical context, and theological significance of each epistle.

B352 Hermeneutics (3)
This course will discuss the key theological presuppositions that determine the nature of interpretation and drive one's theological method. A particular emphasis will be placed on the practical implementation of these ideas in various genres with a view to making solid applications. [SP]

B357 New Testament Backgrounds (3)
A study of the political, cultural, and geographical background of Israel from the close of the Old Testament into the New Testament, with an emphasis on the historical events as well as the philosophical and religious thought that shape the New Testament world. [3-4]

B358 Deuteronomy (3)
An exposition of the fifth book of Moses that focuses on interpretation, theology, and relevance today. [OOD]

B362 Principles of Personal Bible Study (3)
Prerequisite: women only.
An overview of principles of inductive Bible study and the application of those principles to a book of the New Testament, to a topical study, and to a biographical character study. In each of these aspects of study there is an emphasis on life change and spiritual growth in knowing God more deeply through His Word. [ET]

B364 History of Ancient Israel (3)
School of Biblical Studies degree(s) prerequisites: B101 and B102. Same as H364.
School of Online degrees(s) prerequisites: B101, B102, B201, B202, B340, B310, BTH321, and BTH322.
A study of the history of the nation of Israel, from the time of Moses through the destruction of the First Temple, with emphasis upon the period of the monarchy. The biblical text will be studied in conjunction with ancient Near Eastern texts to understand the geopolitical history of the nation. [ESP]

B367 Psalms (3)
The five major sections of this book are analyzed and interpreted for their literary features and studied for their spiritual and doctrinal contribution. [3-4]

B368 Proverbs (3)
A study of the wisdom of Solomon and its applicability for our spiritual and doctrinal growth. Such topics as wisdom, the fool, friendship, family, life and death, and the sluggard will be covered. [OOD]

B375 Acts (3)
An exposition of Luke's second volume with careful attention to the work of Jesus in the establishment of His Church through the apostolic witnesses. [OOD]

B377 Prison Epistles (3)
A study of the messages of Philippians, Ephesians, Colossians, and Philemon in light of their historical setting so as to understand their doctrinal content and practical application. [3-4]

B378A James & Jude (3)
James and Jude were brothers of the Lord Jesus. They each wrote brief but significant letters. This course looks at their lives and also compares and contrasts these letters. A thorough familiarity with each book is the course goal. [OOD]

B387 The General Epistles (3)
A study of the non-Pauline Epistles, with the exception of Hebrews and Revelation, with special emphasis on the doctrine and practical implications of these books. [3-4]

B388 Peter & Jude (3)
A study of the messages of these three books, with special attention given to the topics of suffering and apostasy. [OOD]

B397 Pastoral Epistles (3)
An intensive study of 1 and 2 Timothy and Titus, with attention given to critical problems in addition to doctrinal and spiritual content. [3-4]

B398 Job (3)
An intensive study of Job, with special attention given to the issue of God's sovereignty and man's suffering. [OOD]

B399B Life of David (3)
This course is an extensive examination of the life of David, primarily through the lens of 1 and 2 Samuel, with special attention being given to how God's covenant with David progresses the story of redemption. All passages of Scripture will be examined with an eye toward ultimate fulfillment in Christ.

B399F Principles of Personal Bible Study: Men (3)
Men only.
An advanced course in the process of inductive Bible Study methods. This course is designed to equip the student with the requisite skills for both effective professional and personal Bible study. Emphasis will be placed on the process of observation, interpretation, application and correlation through practical assignments and constructive feedback. The course will also introduce the student to various Bible study tools and library resources. [SPC]

B399U Leviticus
An expositional study of Leviticus that focuses on interpretation, theology, and significance for today. This course will also cover the sacrificial system and special features of Leviticus with implications for both the OT and NT. [SPC]

B399V The Book of Joshua (3)
This is a directed study only.
Inductive Bible Study of the Book of Joshua.

B400 Senior Integrative Seminar (3)
School of Biblical Studies degree(s) prerequisites: Bible seniors only.
School of Online degrees(s) prerequisites: must be taken last in major course sequence.
A senior integrative seminar covering such topics as the credentialing process, seminary and graduate school, transitional issues, career placement, and the senior competency examination. [ET]

B401 New Testament Survey I (3)
Prerequisite: Only for Teacher Education majors who need additional upper division credits.
Fee: $25.
An introduction to the books of the New Testament, with special emphasis on the life, teachings, and redemptive work of Christ; the founding and growth of the church; and the teachings of the epistles and Revelation. On the basis of the biblical text, parallel readings, projects, and lectures, the events and messages of the New Testament will be portrayed against their historical and cultural setting. Only for Teacher Education majors who need additional upper division credits. This course surveys the Gospels and Acts. [FA]

B402 New Testament Survey II (3)
Prerequisite: Only for Teacher Education majors who need additional upper division credits.
Fee: $25.
An introduction to the books of the New Testament, with special emphasis on the life, teachings, and redemptive work of Christ; the founding and growth of the church; and the teachings of the epistles and Revelation. On the basis of the biblical text, parallel readings, projects, and lectures, the events and messages of the New Testament will be portrayed against their historical and cultural setting. This course is devoted to the Epistles and Revelation. [SP]

B403 Isaiah (3)
School of Biblical Studies degree(s): no prerequisites.
School of Online degrees(s) prerequisites: B101, B102, B201, B202, B340, B310, BTH321, and BTH322.
A study of the message of Isaiah, with special attention given to its historical and eschatological significance. [OFA]

B408 Jeremiah (3)
A study of the message of Jeremiah, with special attention given to its historical and eschatological significance. [OOD]

B417 Hebrews (3)
An introduction to the epistle, with special attention given to a study of its sequence of thought and exhortation, as it exalts the preeminence of Christ over all—angels, Moses, and Aaron. [3-4]

B418 Galatians (3)
An analysis and exposition of Galatians, with special attention given to questions concerning justification and sanctification by faith according to the principle of grace, as well as other theological, chronological, and interpretive difficulties of this book. Relevant practical issues are also evaluated. [OOD]

B427 Zechariah (3)
An exposition of this influential post-exilic prophetic book, with emphasis upon the eschatological significance and its foundation for New Testament revelation. [3-4]

B428 Luke (3)
A study of the Gospel of Luke with emphasis on Jesus and His parables and miracles. [OOD]

B429 Old Testament Issues (3)
This course surveys controversial topics of current interest within the field of Old Testament studies, including questions of historicity, chronology, archaeology, hermeneutics, and theology.

B437 Advanced Hermeneutics (3)
Prerequisite: B352.
This course assumes that the student already understands and can apply the basic principles of hermeneutics in their study of the written Word of God. The course will cover the history of hermeneutics in the Church, philosophical and literary issues relating to hermeneutics, and the use of the Old Testament in the New Testament. [3-4]

B438 Ezekiel (3)
A study of this prophetic work that emphasizes God's judgment and restoration of the nation of Israel. [OOD]

B439 New Testament Issues (3)
This course surveys controversial topics of current interest within the field of New Testament studies, including questions of historicity, chronology, archaeology, hermeneutics, and theology.

B447 Old Testament Minor Prophets (3)
A study of the backgrounds and messages of these 12 prophets, with particular emphasis on the eschatological significance of their messages. [3-4]

B448 Exodus (3)
A study of the second book in the Pentateuch with emphasis on God's deliverance of His people, establishment of His covenant, and construction of His tabernacle. [OOD]

B467 1 & 2 Thessalonians (3)
A study of 1 and 2 Thessalonians, with special emphasis on the eschatological sections of the books. [3-4]

B488 Old Testament Area Study (2)
A concentrated area of study in the Old Testament, which may include a topic, a book, or a specialized area. [OOD]

B490 Senior Comprehensive Exam (0)
Prerequisite: Bible seniors only.
This is a Comprehensive Exam that requires the student to demonstrate minimum competencies in areas of New Testament, Old Testament, Systematic and Practical Theology, and their emphasis. The student must pass the exam with at least 70% in order to graduate. This exam will be given during the semester they take Senior Integrative Seminar (B400). [ET]

B498 New Testament Area Study (2)
A concentrated area of study in the New Testament, which may include a topic, a book, or a specialized area. [OOD]

(BC) Bible: Biblical Counseling

BC300 Introduction to Biblical Counseling (3)
A general introduction to basic concepts and distinctive features of biblical counseling. Students will discuss what biblical counseling is and what it involves, the role of the counselor in biblical counseling, the different kinds of counseling that are needed, the place of counseling in the ministry of the church, and how biblical counseling theory and practice relate to and differ from some of the more common secular models and theories. Part of the course will involve a personal improvement project in which the student will evaluate his/her own counseling qualifications, design a plan for improving some area of his/her life, put that plan into action, and then evaluate his/her progress as the course draws to a close. [ET]

BC310 Foundations of Biblical Study (3)
School of Online degree(s) only.
This course introduces the student to the necessary skills and techniques that promote educational success in the online environment. Academic writing and research techniques promoting information literacy are examined and applied. This course is also undergirded by an essential focus on spiritual formation foundational to healthy ministry, personal as well as corporate, within the life of the church. Guiding principles constituting biblical ministry within the curriculum are established.

BC311 Theological Basis of Biblical Counseling (3)
School of Biblical Studies degree(s): no prerequisites.
School of Online degrees(s) prerequisites: B101, B102, B201, B202, B340, BC300, BC310, BTH321, and BTH322.
A consideration of the theological realities that form the basis of a proper approach to counseling. Special emphasis is given to the nature of God and of man (unfallen and fallen), a biblical definition of the image of God, the nature of sin, the realities of regeneration and progressive sanctification, the concept of "the flesh" (old man/new man), an understanding of the heart/mind as used in Scripture, and the place of the local church in the ministry of counseling. [FA]

BC330 Methods of Biblical Counseling (3)
School of Biblical Studies degree(s): no prerequisites.
School of Online degrees(s) prerequisites: B101, B102, B201, B202, B340, BC300, BC310, BTH321, and BTH322.
An overview of the counseling process presenting a comprehensive methodological model for promoting biblical change in people. The goal is to encourage biblical thinking and procedures in the process of helping people. [ET]

BC337 Crisis and Youth Counseling (3)
This course is designed to discuss key issues pertaining to young people and to equip students to understand and address the heart desires that often drive these problems. Such issues might include, but are not limited to, gender issues, marriage, purity, death in family, and school. [3-4]

BC340 Marriage & Family (3)
School of Biblical Studies degree(s): no prerequisites.
School of Online degrees(s) prerequisites: B101, B102, B201, B202, B340, BC300, BC310, BTH321, and BTH322.
Marriage and family problems are present in the majority of counseling cases. This course will give an overview of general marriage and family counseling issues relating to the content and process of counseling. It will then proceed to specifically deal (from a biblical perspective) with the major difficulties that troubled marriages and families experience. Included in the course are discussions of the biblical basis and purposes of marriage, family stages, in-law problems, developing unity, husband/wife roles and responsibilities, correcting communication problems, why conflicts arise, and how to resolve them. [ET]

BC342 Counseling/Discipling Women (3)
Prerequisite: women only.
This course is designed to provide female students a biblical framework for woman-to-woman discipleship and biblical counseling. Topics include the priority and definition of discipleship/counseling and training in the "how to's" of discipleship/counseling. This course is also designed to train the student in counseling specific issues that women face such as bitterness, anxiety, depression, self-image, and more. The goal is to equip women to fulfill their scriptural mandate to mentor/counsel other women and bring ultimate glory to God. [SP]

BC366 Biblical Conflict Resolution (2)
School of Biblical Studies degree(s): no prerequisites.
School of Online degrees(s) prerequisites: B101, B102, B201, B202, B340, BC300, BC310, BTH321, and BTH322.
This course is designed to help the student think biblically about conflict and how to respond to life's conflicts in a way that glorifies the Lord (1 Cor. 10:31). In particular, the student will be taught a model and a plan for how to think about struggles in relationships and evaluate their own typical patterns of response. These principles apply to business and the church, but there will be a special focus on handling marriage difficulties. [OSP]

BC382 Counseling Internship (2)
Prerequisites: BC300, 311, 330, 340, 362, 421.
This independent study course is designed to provide evaluated oversight that may include the completion of the ACBC exam comprised of 44 essay-style questions on theology and counseling with the aim of preparing candidates for ACBC Certification process. Or it may include on-site internship in the field of some aspect of church or para-church ministry. [SP]

BC388 Biblical Counseling Supervision (4)
This course is designed to provide a supervised and evaluated ministry internship that includes 25 sessions of supervised counseling, and the ACBC exam. It consists of at least two counseling sessions of supervised and practiced counseling per week, and completion of five ACBC questions per week. [OOD]

BC400 Senior Integration Seminar (3)
School of Online degrees(s) only. Prerequisites: Must be taken last in major course sequence.
A senior integrative seminar covering such topics as the credentialing process, seminary and graduate school, transitional issues, career placement, and the senior competency examination.

BC421 Problems & Procedures (3)
School of Biblical Studies degree(s) prerequisites: BC300 and BC330.
School of Online degrees(s) prerequisites: B101, B102, B201, B202, B340, BC300, BC310, BC311, BC330, BTH321, and BTH322.
This course is designed to apply the biblical principles taught in Methods of Biblical Counseling (BC330) to a range of specific counseling problems. Topics discussed include anger, fear, depression, sexual deviancy, anxiety, eating disorders, decision making, one's past, self-concept, various syndromes, ADHD, and crisis counseling. Each student will develop and present to the class a detailed biblical counseling outline for a professor-approved counseling problem. [FA]

BC422 Problems & Procedures II (3)
School of Online degrees(s) only. Prerequisites: B101, B102, B201, B202, B340, BC300, BC310, BC311, BC330, BTH321, and BTH322.
These courses are designed to apply the biblical principles taught in BC330 Methods of Biblical Change to a range of specific counseling problems. Topics discussed include anger, fear, depression, sexual deviancy, anxiety, eating disorders, decision making, one's past, self-concept, various syndromes, ADHD, and crisis counseling. During the second semester of this course, each student will be part of a team that will develop and present to the class a detailed biblical counseling outline for a teacher-approved counseling problem.

BC431 Counseling Practicum I (2)
Prerequisites: BC300, BC330, BC421.
BC432 Counseling Practicum II (2)
Prerequisites: BC300, BC330, BC421, BC431.
These courses are designed to consider the practical application of the principles of biblical counseling and the various methodological aspects of the counseling process. These courses will include student participation in counseling as counselors, counselees, and observers. These activities will form the basis of seminar discussions where counseling will be analyzed from a biblical perspective. The goal of these courses is to help the student learn, evaluate, and sharpen practical counseling skills. [FA]|[SP]

BC433 Applied Counseling Theory (3)
School of Online degrees(s) only. Prerequisites: B101, B102, B201, B202, B340, BC300, BC310, BC311, BC330, BTH321, and BTH322.
This course is designed to consider the practical application of the principles of biblical counseling and the various methodological aspects of the counseling process. These courses will include student participation in counseling as counselors, counselees, and observers. These activities will form the basis of seminar discussions where counseling will be analyzed from a biblical perspective. The goal of these courses is to help the student learn, evaluate, and sharpen practical counseling.

BC447 Counseling & Youth (2)
Designed to help the student to understand the intense and frequent problems of young people. A thoroughly biblical understanding of young people and their problems, and a functional approach to counseling youth will be presented. [3-4]

BC451 Counseling Internship (3)
School of Online degrees(s) only. Prerequisites: all other core Biblical Counseling classes are prerequisites. Available on a case-by-case basis.
Because of our desire to train those who not only know about counseling but can actually do counseling, the student will do 10-12 sessions of supervised counseling during the eight-week term of this capstone course. This counseling will also be under the authority of the student's local church, even though other venues may be approved if counseling through the local church is not available. This counseling will be directly overseen by a Fellow with the Association of Certified Biblical Counselors. There is an additional fee for this course because of the smaller class size and intensive nature of the mentoring. The supervised sessions done for this course will count toward certification with the Association of Certified Biblical Counselors (see biblicalcounseling.com for details on becoming certified). It is our desire that all students do this course, but there is an application process to do so. If the student is accepted into this course, they do not need to take BC452 Counseling Observation and Analysis. BC451 must be taken as a culminating course for the degree (except for BC400 Senior Integration Seminar) and could be taken simultaneously with BC400 and BC422 Problems & Procedures II.

BC452 Counseling Observation and Analysis (3)
School of Online degrees(s) only. Prerequisites: all other core Biblical Counseling classes are prerequisites.
This course provides the student with the opportunity to complete in-depth review and analysis of a range of biblical counseling cases and issues and is taken in the place of BC451 in the event that the student's application for that course is not accepted. The student will be required to view recorded biblical counseling sessions and complete an ACBC (Association of Certified Biblical Counselors) case report for each session. The student's case reports for each session will be assessed and feedback from an experienced biblical counselor will be provided. BC452 must be taken as a culminating course for the degree (except for BC400 Senior Integration Seminar) and could be taken simultaneously with BC400 and BC422 Problems & Procedures II.

BC090 Intro to MABC Studies (0)

BC091 MABC Continuing Education (0)
Fee: $50.
Graduate Biblical Counseling students are considered active if they continue taking classes in consecutive semesters (e.g., spring and fall for traditional students, summers for distance students) and they are considered inactive if they do not take classes for more than three consecutive semesters (spring and fall semesters consecutively, or summer semesters consecutively). They will also be considered inactive if they do not take classes for three semesters total for the duration of their studies in the program, even if these semesters are not consecutive (traditional and distance guidelines previously stated apply). Students will be charged a continuing education fee of $50 per semester they do not take at least one class and they may only utilize this option for three semesters total for the duration of their studies in the program. If students are unable to take classes for a fourth semester (consecutively or total) they will be considered inactive as of the beginning of the fourth semester. Students who become inactive must reapply to return to the program and are subject to any applicable fees.

BC092 MABC Program Extension (0)
Fee: $150.
Students must complete their studies in the program in no more than 18 academic semesters (approximately 6 years) A semester is added to the total even if the student does not take a class in a semester. For re-admit students, the 18 semesters reset to zero when the student becomes inactive and returns to the program. Failure to complete the program in 18 semesters will result in students being charged an over limit fee of $150 for each semester they exceed the program limit up to three semesters. In cases where students exceed the program limit of 18 semesters, or exceed the three-additional semester limit, the Graduate Studies administration may require them to retake any or all courses in the program to graduate and continue to pay the over-limit fee per semester.

BC093 DMinBC Continuing Education (0)
Fee: $100.
A fee that the student needs to sign up for and pay if he or she will not be taking classes that semester.

BC094 DMinBC Program Extension (0)
Fee: $300.
A fee that the student needs to sign up for and pay for each semester the student needs to take classes, in addition to the four modules plus thesis terms.

BC501 Introduction to Biblical Counseling (2)
This course offers a general introduction to basic concepts and distinctive features of biblical counseling. Students will discuss what biblical counseling is and what it involves, the role of the counselor in biblical counseling, the different kinds of counseling that are needed, the place of counseling in the ministry of the church, and how biblical counseling theory and practice relate to and differ from some of the more common secular models and theories. Part of the course will involve a personal improvement project in which the student will evaluate his/her own counseling qualifications, design a plan for improving some area of his/her life, put that plan into action, and then evaluate his/her progress as the course draws to a close.

BC502 Essential Qualities of a Biblical Counselor (2)
This core course will help the student to understand the Christlike character and functional qualities of the discipler/counselor. The course will also provide the environment for self-examination for present and future growth, both in his/her personal walk with Jesus Christ and as a skilled biblical counselor.

BC503 Methods of Biblical Change (2)
This core course provides an overview of the counseling process, presenting a comprehensive methodological model for promoting biblical change in people. The goal of this course is to encourage biblical thinking and procedures in the process of helping people.

BC506 Theology and the Psychologies (2)
This core course is designed to critically analyze secular and evangelical integrationist theories of psychotherapy in a theological context, emphasizing the uniqueness of divine revelation for ontological and epistemological positions and worldview. It will probe the anthropological presuppositions of treatment theory and seek to bring a thoroughly biblical critique to their foundational assumptions and methodology. Issues like theories of the subconscious, psychoanalytic approaches to personality, establishing norms, psychological testing, making the distinction between the normal and abnormal, major and mood disorders, schizophrenia, and multiple personality disorders are among the psychological constructs and their popular theoreticians that will be explored.

BC511 Theological Basis of Biblical Counseling (2)
This core course offers a consideration of the theological realities that form the basis of a proper approach to counseling. Special emphasis is given to the nature of God and of man (fallen and unfallen), a biblical definition of the image of God, the nature of sin, the realities of regeneration and progressive sanctification, the concept of "the flesh" (old man/new man), an understanding of the heart/mind as used in Scripture, and the place of the local church in the ministry of counseling.

BC518 Counseling from Proverbs (2)
Prerequisites: BC506, BC511, BC521, BC531, and BC532.
This elective course is an expositional study of the book of Proverbs with its special relevance to counseling.

BC519 Counseling from Ecclesiastes (2)
Prerequisites: BC506, BC511, BC521, BC531, and BC532.
This elective course is an expositional study of the book of Ecclesiastes with its special relevance to counseling. This course assists the counselor to work with individuals who are struggling with a materialistic cosmology.

BC520 Counseling and Prayer (2)
This elective course is a study of the role of prayer in significant biblical passages, church events, and contemporary society, with relevant application for biblical counseling today. It is designed to challenge students to engage in a consistent and communal prayer life, as this will prepare them for the responsibility of effectively serving believers in biblical counseling, and as it relates to discipleship or sanctification for the counselee. Issues relating to the tensions regarding the sovereignty of God, the discipline and responsibility of humans to pray and respond, balancing counselor responsibilities, and the role of the Holy Spirit are evaluated.

BC521 Problems and Procedures (2)
Prerequisites: BC501, BC503, BC511, and BC531.
This core course is designed to apply the biblical principles taught in BC501 Introduction to Biblical Counseling and BC503 Methods of Biblical Change to a range of specific counseling problems. Topics discussed include anger, fear, depression, homosexuality, anxiety, eating disorders, incest, child abuse, counseling youth, counseling divorcees, and crisis counseling. Each student will research and present to the class a detailed biblical counseling outline for a teacher-approved counseling issue.

BC531 Hermeneutics (2)
This core course is an advanced examination of the science and art of interpretation, with special attention given to the application of Scripture to counseling. Various interpretive approaches on key scriptural passages will be examined, especially as they relate to the biblical counselor and his task.

BC532 Advanced Hermeneutics (2)
Prerequisites: BC501, BC503, BC511, and BC531.
This core course is designed to continue to develop the skills of the graduate student in the science and art of biblical interpretation for greater accuracy in the application of truth in a counseling context. A proper hermeneutical approach will be modeled for difficult passages that are frequently used in counseling, especially as that approach relates to the use of texts from a variety of genres in Scripture. The focus of this course is for the graduate student to learn how to properly interpret each book of the Bible, with its special literary genre and subgenres, in order to be well-equipped to accurately apply its truth.

BC542 Marriage and Family Counseling (2)
Marriage and family problems are present in the majority of counseling cases. This core course will give an overview of general marriage and family counseling issues relating to the content and process of counseling. It will then proceed to specifically address from a biblical perspective some of the major difficulties that troubled marriages and families experience. Included in the course are discussions of the biblical basis and purposes of marriage, family stages, in-law problems, developing unity, husband/wife roles and responsibilities, correcting communication problems, and how to resolve conflicts that arise.

BC555 The Biblical Counseling Movement (2)
A study of the history of the modern biblical counseling movement and an active engagement with its current leaders and the issues being debated among proponents. This elective course involves attendance at the annual conference of the Association of Certified Biblical Counselors.

BC556 ACBC Membership Seminar (2)
All students are encouraged to seek membership in and certification by the Association of Certified Biblical Counselors (ACBC). This core seminar transitions students from the application and examination requirements for ACBC certification to the required supervised counseling. Students should delay taking BC556 if it will be more than a year before they begin the BC592 and BC593 internship sequence. Once students complete BC556, they will have one year after completing it to finish BC592 and BC593. If they do not complete the latter courses within this period, they will be required to re-take BC556 and BC592 or BC593 (or possibly all three).

BC557 Biblical Counseling and Physiology (2)
This core course is a survey of the physiological factors that influence areas in a person's life and are of importance when counseling that person according to Scripture.

BC560 Biblical Conflict Reconciliation (2)
This core course is designed to help the student think biblically about conflict and how to biblically counsel interpersonal conflicts in a way that glorifies the Lord (1 Cor. 10:31). In particular, the graduate student will be taught how to exposit several key passages of Scripture that are appropriate to conflict and apply them to difficult situations in a very practical and life-changing way. Securing peace in a conflict is not the end. It is a means to an end. Bringing glory to God by seeking biblical reconciliation is our goal as biblical counselors. These principles apply to all walks of life where interpersonal relationships are formed, including business, the church, and marriage.

BC572 Counseling Women (2)
Prerequisite: women only.
This elective course outlines the basic concepts and distinctive features of woman-to-woman biblical counseling, in order to equip women to fulfill their scriptural mandate to mentor/counsel other women and bring ultimate glory to God. It will focus on gospel-centered counseling in the context of one Christian woman coming alongside another woman with words of truth from God's Word in the context of relationship to encourage, admonish, comfort, and challenge. Emphasis will be placed on practical principles of gospel application, the qualifications of the biblical counselors, the roles of the counselor in the ministry of the local church, typical counseling problems that women face, and the dynamic of counseling a woman facing those issues.

BC574 Developing a Counseling Ministry (2)
This elective course trains students to establish a biblical counseling ministry within a local church or parachurch organization. Special focus is given to models for counseling ministries, strategies for developing counseling personnel, principles from ecclesiology, successful organizational structures, policies and procedures for operational effectiveness, resources and documentation, and legal matters.

BC575 Counseling and Legal Issues (2)
This elective course is designed to provide an in-depth understanding of the legal issues involved in biblical counseling and the distinctive legal challenges raised with particularly difficult counseling situations. Taught from primary sources to the extent possible, topics include "clergy malpractice", whether a biblical counselor has a "duty to refer", pertinent evidentiary privileges, whether a biblical counselor has a duty to maintain confidentiality or has a duty to report specific conduct described by a counselee, and whether information provided by a counselee may be properly used in church discipline. Substantial emphasis will be given to the development of strategies to minimize potential criminal and civil liability.

BC579 Studies in Biblical Counseling (1)
This directed studies course covers selected studies in specialized areas within the discipline of biblical counseling, as designed by a biblical counseling faculty member.

BC580 Observations and Applied Studies (2)
Prerequisites: All courses up to BC580 except BC556 and an elective.
Fee: $350.
This core course consists of observations and discussions of counseling sessions, designed to help the student learn practical skills in counseling by observation, evaluation, critique, and discussion. The course also involves practical application of the principles of biblical counseling and the various methodological aspects of the counseling process. The course will include student participation in counseling as a counselor, counselee, and observer. These activities will form the basis of seminar discussions where counseling will be analyzed from a biblical perspective. The goal is to help the student learn, evaluate, and sharpen their practical counseling skills.

BC585 Counseling Grief and Loss (2)
This course explores the theological realities and experiential aspects of bereavement, loss, and grief. Students will critique the "stages of grief" approach and consider the role of hope in counseling those in this condition.

BC592 Applied Soul Care I (2)
Prerequisites: All courses except BC593, BC598, and an elective.
Fee: $350.
This is part one of a supervised and evaluated internship, consisting of at least two actual counseling sessions per week and a total of 25 hours of counseling. Assistance will be provided for the student in obtaining counseling opportunities.

BC593 Applied Soul Care II (2)
Prerequisites: All courses except BC598, and an elective.
Fee: $350.
This is part two of a supervised and evaluated internship, consisting of at least two actual counseling sessions per week and a total of 25 hours of counseling. Assistance will be provided for the student in obtaining counseling opportunities.

BC598 Thesis Research (2)
Prerequisites: All courses except an elective.
Fee: $700.
This course introduces the program capstone research project and guides the research task. The student is responsible to compose a fully-documented 20- to 30-page research outline, as the basis for either a seminar presentation or a formal 100- to 120-page thesis paper that deals with a special problem or area of investigation in biblical counseling. The research goal must be precisely stated in written form, pursued under faculty supervision, and approved by and presented to the chairperson and research coordinator of the Biblical Counseling Department. All students are required to defend their thesis outline in the Thesis Symposium held each year in the spring semester—the day before graduation.

BC599 Thesis Composition (2)
Prerequisites: All required courses and BC598.
Fee: $700.
This guided composition course requires the student to compose a thesis paper, presenting the biblical understanding and counseling methodology for a specific problem that could be encountered in counseling, taking the form of a 100- to 120-page, fully documented paper. Thesis topics are approved by the department chairperson and the research coordinator; research and composition are pursued under an appointed faculty advisor.

BC600 Counseling Research Thesis/Project (3)
Prerequisites: All core courses.
Fee: $700.
This guided independent research requires the student to advance a thesis, presenting the biblical understanding and counseling methodology for a specific problem that could be encountered in counseling, taking the form of a 100 to 120 page, fully documented paper. Thesis topics are approved by the Department Chair and the Thesis Coordinator; research and composition are pursued under an appointed faculty advisor.

BC690 Biblical Counseling Foundations I (0)
Fee: $1250
The fundamentals of biblical counseling, including lectures, observations, and reading commensurate with phase 1 of ACBC Certification.

BC691 Biblical Counseling Foundations II (0)
Fee: $1250
The fundamentals of biblical counseling, including counseling and theology exam preparation and evaluation commensurate with phase 2 of ACBC Certification.

BC692 Biblical Counseling Foundations III (0)
Fee: $1250
The fundamentals of biblical counseling, including the first 25 hours of supervised counseling and instruction commensurate with the first part of phase 3 of ACBC Certification.

BC693 Biblical Counseling Foundations IV (0)
Fee: $1250
The fundamentals of biblical counseling, including the second 25 hours of supervised counseling and instruction commensurate with the second part of phase 3 of ACBC Certification.

BC700 Biblical Counseling Foundations Seminar (0)
Fee: $700.
For the student without any significant foundational knowledge of Biblical Counseling, this is a general introduction to the basic concepts and distinctive features of biblical counseling, its theological basis, and a biblical evaluation of secular and integration counseling models. Required only for students with very little training in Biblical Counseling.

BC701 Theology of Discipleship & Soul Care (4)
An examination of the foundation of biblical counseling, with attention given to how each major doctrine of theology applies to the Christian life and to soul care in the local church. The key elements of discipleship with special attention to hermeneutics will be reviewed and applied to the counseling process throughout the course. Course to be taken in the first module.

BC702 Character Dynamics & Soul Care (4)
A study of Christ-like character, its application to the student's life, counseling, and evangelistic ministry. The process and key elements of change will be reviewed and applied to a self-examination project for personal spiritual growth, and for the glory of God. There will also be a survey of soul care issues and presuppositions as they relate to apologetics and evangelism. This course will serve to strengthen the faith of the counselor and counselee, and their evangelistic ministry. Course to be taken in the second module.

BC711 Applied Ministry Experience I (2)
Fee: $450.
A practicum consisting of field experience to develop counseling skills while pursuing the Fellow status of ACBC certification (where applicable). Each student will be required to have field experience in observing and being observed counseling. Students will also be expected to apply the theory and methodology of biblical counseling in their ministry context, in every way possible. Course to be taken in the first module.

BC712 Applied Ministry Experience II (2)
Fee: $450
A practicum consisting of field experience to develop counseling skills while also pursuing the Fellow status of ACBC certification (where applicable). Each student will be required to have field experience in observing and being observed counseling. Students will also be expected to apply the theory and methodology of biblical counseling in their ministry context, in every way possible. Course to be taken in the second module.

BC721 Writing & Research in Bib. Counsel. I (2)
Fee: $450.
A course designed to introduce students to the skills of research and writing as it pertains to the proposal and first chapter of the doctoral counseling thesis project. Course to be taken in the first module.

BC722 Writing & Research in Bib. Counsel. II (2)
Fee: $450
A course designed to introduce students to the skills of research and writing as it pertains to the second chapter of the doctoral counseling thesis project. Course to be taken in second module.

BC801 Marriage & Family Counseling (4)
A biblical overview of the unique challenges faced in marriage and family counseling, with focus upon accurately and appropriately instructing families in the counseling setting. Course content will include knowledge and skills to facilitate heart change, and a review of various marriage and family counseling resources. Course to be taken in third module.

BC802 Difficult Issues in Counseling (4)
A study in the application of biblical principles taught in the Theology of Discipleship & Soul Care course to a range of specific and challenging counseling problems seen among churched individuals. Course to be taken in the fourth module.

BC811 Applied Ministry Experience III (2)
Fee: $450
A practicum that includes student counseling and field experience to develop counseling skills and pursue the Fellow status of ACBC certification. This course first involves participation in student counseling through the assumed roles of observer, counselee, and counselor. Post the doctoral module, students will be expected to apply the theory and methodology of biblical counseling in their ministry context. Course to be taken in third module.

BC812 Applied Ministry Experience IV (2)
Fee: $450
The utilization of student counseling and field experience to develop counseling skills, and pursue the Fellow status of ACBC certification. This course first involves participation in student counseling through the assumed roles of observer, counselee and counselor. After this module, students will be expected to apply the theory and methodology of biblical counseling in their ministry context. Course to be taken in the fourth module.

BC821 Writing & Research in Bib. Counsel. III (2)
Fee: $450
A course designed to introduce students to the skills of research and writing as it pertains to the third chapter of the doctoral counseling thesis project. Course to be taken in third module.

BC822 Writing & Research in Bib. Counsel. IV (2)
Fee: $450
A course designed to introduce students to the skills of research and writing as it pertains to the fourth chapter of the doctoral counseling thesis project. Course to be taken in the fourth module.

BC892 Applied Ministry Experience Completion (0)
Fee: $1250
Completion of supervised counseling hours leading to recommendation for fellow status with ACBC.

BC893 Applied Ministry Experience Supervision (0)
Fee: $1250
Completion of supervision for student who supervises 2 people in phase 3 of ACBC Certification. Successful evaluation leads to recommendation for fellow status with ACBC.

BC899 Biblical Counseling Thesis Project Culmination (4)
Fee: $2250
The completion of chapter 5 of the doctoral counseling thesis project with input from the student's thesis advisor and second reader. This course also includes the giving of the oral defense for the thesis project and must be the final course of the counseling doctoral program. Course to be taken after the fourth module.

BCE307 Teaching Methodology (3)
A seminar on the teaching-learning process with attention given to current research, the dynamics of classroom instruction, curriculum development, and the application of instructional methodology and technology. [3-4]

BCE313 Introduction to Christian Education/Ministries (3)
A survey of the educational program of the local church with attention given to the philosophy, principles, and practice of Christian education for all age levels, as well as various ministries of the church, including youth, outreach, teaching, family, counseling, etc. [OFA]

(BCH) Bible: Church History

BCH347 Intertestamental Period (3)
Same as H347.
A survey of the historical movements and events in Judea from 400 BC to AD 70 that serve as the background for the New Testament. The literature (apocryphal books, Dead Sea Scrolls), institutions (synagogue, Sanhedrin, temple), and religious sects (Pharisees, Sadducees, Essenes, etc.) will be closely examined. Finally, the Hellenistic, Roman, and Jewish political rulers will be surveyed to understand better the context in which the early Christian events took place. [3-4]

BCH367 History of the Church (3)
Same as H367.
A survey of personalities and issues in church history from the first century to the present. The course includes discussions of the church fathers, major councils, the Reformation, and key church leaders over the last 2,000 years. [3-4]

BCH399A Hist Backgrounds of Acts/Early Church (3)
The history, archaeology, and geography of Greece and Asia Minor from the biblical era through the Byzantine period. Special attention is given to Paul's travels through Turkey and Greece in the book of Acts, as well as studying the seven churches Revelation in chapters 1-3. [SPC]

BCH404 Studies in John Calvin (3)
G.E.: May fulfill the Literature Elective.
Same as E404 & H404.
This is a study of the life and work of the great magisterial Reformer. The approach will be that of an "intellectual history" course, featuring biographical, literary, theological, and philosophic content concerning the man and his times. Specific attention is paid to Calvin's status as a master 16th century literary Humanist who guided the systematic intellectual development of Reformation thought. [ESP]

BCH408 History & Theology of Puritanism (3)
This course provides an undergraduate survey of the Puritan movement from its origins in England through the establishment of the American colonies in New England. Attention is given to the historical, theological, cultural, and educational contributions of the Puritans. [OOD]

BCH409 Studies in Martin Luther (3)
May fulfill Literature Elective.
Same as E409.
A study of the life and thought of Martin Luther, the Augustinian friar and professor of theology who whipped himself mercilessly over his sins, discovered the gospel, challenged the Roman church, translated the Bible into German, invented congregational hymn-singing, married a nun, changed Europe and the world, and died excommunicated as "that wild boar loose in the Lord's vineyard." [SPC]

BCH467 The Reformation Era, 1500-1648 (3)
Same as H467.
A study of the historical/theological development of the Reformation and post-Reformation period through Calvin. Other areas of the Reformation not covered in class lectures are pursued through research papers and class discussion. [3-4]

BCH487 U.S. Church History (3)
Same as H487.
A historical survey of U.S. church history, especially American Protestantism, from deep colonial Puritan roots through the First and Second Great Awakenings, the shattering of basic biblical unity in the modernist/fundamentalist controversy, and the rebuilding of modern evangelicalism in contemporary times. [3-4]

BCH498 Church History Area Study (2)
A concentrated study in church history, which may include a period of time or a specialized topic. [OOD]

(BCW) Bible: Apologetics

BCW354 The Christian & Politics (3)
Same as POL354.
A biblical approach to Christian citizenship and activity. Emphasis on general and specific biblical principles and their application to contemporary issues, including an introduction to various viewpoints. [ESP]

BCW363 Apologetics (3)
G.E. substitute: fulfills P311 for Biblical Studies majors.
A survey of the main approaches to apologetics and an examination of evidences for the Christian faith from such fields as science, history, archaeology, and philosophy. [OFA]

BCW367 Ethics (3)
Same as P367.
A survey of the main approaches to ethics; issues in personal ethics, such as moral responsibility, decision-making, honesty, and conscience; and topics in special ethics, such as war, abortion, euthanasia, genetic engineering, and church-state relations. [3-4]

BCW407 Christian Worldview (3)
Prerequisite: junior standing or higher.
A study of the application of biblical data to contemporary culture, science, and the arts so as to define a Christian worldview, integrating liberal arts learning with biblical truth. Beginning with issues of epistemology, the student will be exposed to the relationship between the Bible and natural science, social science, and the humanities, concluding with an emphasis on the apologetic value of the worldview to modern life. [3-4]

BCW455 Christian Political Thought (3)
Same as POL455.
A study of major Catholic and Protestant political ideas from Augustine and Aquinas through the Reformers. Analysis stresses comparison of each with Scripture. [EFA]

BCW488 Problem of Evil (3)
Explanations for the existence of pain and evil. [OOD]

BCW498 Apologetics Area Study (2)
A concentrated study in the area of apologetics. [OOD]

(BE) Behavioral Studies

BE101 Introduction to Psychology (3)
General introduction to the basic concepts of psychology, with emphasis given to the various theories of psychology along with a thorough biblical analysis and critique. [FA]

BE302 Human Growth and Development (3)
Same as LS231.
A study of human development across the lifespan from birth to death with emphasis on the physical, cognitive, emotional, and social aspects of human life. [SP]

BE311 Introduction to Psychology (3)
School of Online degrees(s) only.
General introduction to the basic concepts of psychology, with emphasis given to the various theories of psychology along with a thorough biblical analysis and critique.

BIB101A Distinctives of Biblical Living (1)
BIB101B Distinctives of Biblical Living (1)
BIB101C Distinctives of Biblical Living (1)
BIB101D Distinctives of Biblical Living (1)
School of Online degrees(s) only.
The Master's University is committed to helping all students develop a comprehensive biblical worldview and to grow in their biblical thinking and living. We have imbedded strategic opportunities for our students to develop spiritually within our traditional undergraduate experience and desire to give similar opportunities within our online degrees. Throughout our students' online program they will take four one-unit courses entitled Distinctives of Biblical Living (I-IV). These courses are designed to help students comprehend, reflect, and apply through their own spiritual development according to four main biblical principles. These principles are Divine Authority, Heart Transformation, Sanctifying Relationships, and Gospel Witness. Each course is designed to promote these biblical principles of spiritual growth through practical expressions in the students' lives that complement their online educational experience. We recognize that no formal program can create genuine spiritual growth, but we are confident these courses give every student the opportunity to biblically develop lives that give glory to our Master.

BIB306 Christian Worldview & Ethics (3)
School of Online degrees(s) only.
This course is designed to reintroduce the student into the rigor of university life. Academic skills such as becoming a master student, time management, goal setting, and study principles are examined. The process of critical thinking and analysis as well as the concept of a Christian worldview will be covered. The characteristics of successful leaders and the traits they exhibit in everyday decision-making responsibilities are identified and studied.

BIB310 Foundations of Biblical Study (3)
School of Online degrees(s) only.
This course introduces the student to the necessary skills and techniques that promote educational success in the online environment. Academic writing and research techniques promoting information literacy are examined and applied. This course is also undergirded by an essential focus on spiritual formation foundational to healthy ministry, personal as well as corporate, within the life of the church. Guiding principles constituting biblical ministry within the curriculum are established.

BIB349 Dynamics of Grace (3)
School of Online degrees(s) only. Prerequisites: B101, B102, B201, B202, B340, BIB310, BTH321, and BTH322.
The course will examine why the gospel is the energizing truth that drives the believer's sanctification. In-depth attention will be paid to the spiritual discipline of ongoing faith in the gospel ("preaching the gospel to oneself each day"). Attention will also be given to the biblical connection between the gospel and the believer's worship, walk, warfare, witness, oneness, and worldview. The practical theology of this course is designed especially to address the "disconnect" that commonly exists between faith and life, between doctrine and practice.

BIB355 Worldview, Apologetics, Evangelism (3)
School of Online degrees(s) only. Prerequisites: B101, B102, B201, B202, B340, BIB310, BTH321, and BTH322.
This class will examine why a biblical worldview is about total reality, not just religious truth. It will equip the student to critique erroneous worldviews for the purpose of becoming effective in evangelism. The class will also examine the need for and the methodology used in pre-suppositional apologetics. It will also consider the appropriate use of Christian evidences and their proper place in the apologetic presentation.

BIB375 Church History (3)
School of Online degrees(s) only. Prerequisites: B101, B102, B201, B202, B340, BIB310, BTH321, and BTH322.
This course presents an overview of church history, tracing the growth and development of Christianity from the Apostolic Age to the present. The course will include discussions of the church fathers, major councils, the Reformation, and key church leaders over the last 2,000 years.

BIB380 Christian Education (3)
School of Online degrees(s) only. Prerequisites: B101, B102, B201, B202, B340, BIB310, BTH321, and BTH322.
This course is a survey of the history, philosophy, principles, and practice of Christian education. The student will be exposed to, discuss, and evaluate the varied contexts of Christian education. Differing age levels will be considered. The student will be expected to interact with the course materials, the instructor, and other students in an effort to refine the understanding and practice of Christian education. The student is also expected to explore various ministries within their local church and evaluate each biblically.

BIB390 Principles of Effective Teaching (3)
School of Online degrees(s) only. Prerequisites: B101, B102, B201, B202, B340, BIB310, BTH321, and BTH322.
A seminar on the teaching-learning process with attention given to current research, the dynamics of classroom instruction, curriculum development, and the application of instructional methodology and technology.

BIB400 Church Administration (3)
School of Online degrees(s) only. Prerequisites: B101, B102, B201, B202, B340, BIB310, BTH321, and BTH322.
This course will consider key issues in church administration. Budget preparation, multi-staff planning and development, committee work, relations between pastoral and lay leadership, and other practical aspects of the day-to-day operations of a typical local church will be discussed.

BIB410 Corporate Worship (3)
School of Online degrees(s) only. Prerequisites: B101, B102, B201, B202, B340, BIB310, BTH321, and BTH322.
This course will examine the practical outworking of corporate worship in light of a biblical understanding of the person and nature of God. The course will develop a theology of worship consistent with the teaching of Scripture and applicable for the church today. The course will also introduce a wide range of historical and contemporary issues related to worship.

BIB430 Principles of Discipleship (3)
School of Online degrees(s) only. Prerequisites: B101, B102, B201, B202, B340, BIB310, BTH321, and BTH322.
This course will explore the Great Commission Mandate. In doing so, it will seek to unpack a biblical definition of discipleship, examining its practices and carefully considering its implementation within the local church. Students will be encouraged to strengthen their commitment to the practice of discipleship and thereby live out its reality as disciplers.

BIB453 Biblical Ethics in the World of Business (3)
School of Online degrees(s) only.
This course discusses the current thought and application of secular situational business ethics and how it affects our society and the market place. These ethics are compared and contrasted to biblical ethical standards. This course directly instructs the Christian in practicing moral decision making based on the Bible.

BIB460 Missions (3)
School of Online degrees(s) only. Prerequisites: B101, B102, B201, B202, B340, BIB310, BTH321, and BTH322.
The biblical approach to missions and evangelism in the local church setting is presented. Examination of both local and international missions from a biblical perspective and a basic model of a local church missions program are discussed. Personal evangelism and discipleship are pursued as an integral part of the course. Christian apologetics will also be reviewed and discussed.

BIB470 Contemporary Issues in Church Ministry (3)
School of Online degrees(s) only. Prerequisites: Must be taken as last course in the Christian Ministries degree program.
This course is designed to allow the student to make use of the theological material and skills acquired throughout the program. Along with short research papers in which students will interact with various issues and challenges facing the contemporary church, they will also identify and present in written form the philosophy of ministry, statement of leadership philosophy, doctrinal foundation, and curriculum strategy they would use to start a church.

BIB489 Senior Ministry Paper – Segment Three (1)
The final part of the research project where the student identifies an issue or problem within the church or ministry and develops a biblical approach toward the resolution.

BL301 Elementary Greek I (4)
BL302 Elementary Greek II (4)
Designed for beginners in Greek; includes a thorough study of the pronunciation and acquisition of a working vocabulary and exercises in translation from Greek to English, as well as from English to Greek. Translation of selected passages of the Greek New Testament. [FA]|[SP]

BL305 Elementary Greek I (3)
BL306 Elementary Greek II (3)
BL307 Elementary Greek III (3)
School of Online degrees(s) only. Prerequisites: B340 and BC310/B310.
Designed for beginners in Greek. Includes a thorough study of the pronunciation and acquisition of a working vocabulary, exercises in translation from Greek to English as well as from English to Greek, and translation of selected passages of the Greek New Testament.

BL311 Elementary Hebrew I (4)
BL312 Elementary Hebrew II (4)
A study of the grammar of the Hebrew language, as well as the translation of selected passages of the Old Testament. [FA]|[SP]

BL325 Introduction to Biblical Languages (3)
School of Online degrees(s) only.
An introduction to the fundamentals of biblical languages with a particular emphasis upon their correct usage in Bible study and ministry. This semester-long course aims to develop competency interacting with exegetical commentaries, as well as initial ability to employ them in personal study through the aid of tools.

BL331 Elementary Hebrew I (3)
BL332 Elementary Hebrew II (3)
BL333 Elementary Hebrew III (3)
School of Online degrees(s) only.
A study of the grammar of the Hebrew language, as well as the translation of selected passages of the Old Testament.

BL401 Intermediate Greek I (3)
Prerequisites: BL301 and BL302.
The accidence and syntax of Koine Greek, together with readings in the Greek New Testament and an introduction to the methods of exegesis. Available as a Directed Study. [FA]

BL402 Intermediate Greek II (3)
Prerequisites: BL401.
The accidence and syntax of Koine Greek, together with readings in the Greek New Testament and an introduction to the methods of exegesis. Available as a Directed Study. [SP]

BL411 Intermediate Hebrew I (3)
Prerequisites: BL311 and BL312.
To continue developing the skills foundational to the translation and exegesis of the Old Testament through immersion into Hebrew narrative. [FA]

BL412 Intermediate Hebrew II (3)
Prerequisites: BL411.
To continue developing the skills foundational to the translation and exegesis of the Old Testament through immersion into Hebrew narrative, poetry, law, and prophecy. [SP]

BL427 Greek Exegesis (3)
Prerequisites: BL401 and BL402.
A thorough analytical study of a New Testament book in the Greek text. [3-4]

BL467 Advanced Greek Grammar (3)
Prerequisites: BL401 and BL402.
An intensive study of the syntax and literary features of the Greek New Testament. [3-4]

BL498 Language Area Study (3)
A concentrated area of study in language exegesis, which may include a topic, a book, or a specialized area. [OOD]

(BMN) Bible: Ministries

BMN300 Ministry Internship (1)
Prerequisite: Bible majors only.
Supervised on-site instruction in the field of some aspect of church ministry for a maximum of two semesters (1 unit per semester). This course is graded: credit/no-credit. [ET]

BMN312 Message Preparation for Women (3)
Prerequisite: women only.
G.E. substitute: fulfills C100 for Biblical Studies majors.
Training for women in preparation, organization, and delivery of personal testimonies, devotionals, and women's Bible studies. The course will aid female students preparing for women's or youth ministry. Each student will have opportunities to speak before the class and receive evaluations by the instructor and classmates. [SP]

BMN313 Dynamics of Christian Living (3)
This course is designed to help people understand the truth of the Christian life from its beginning, which is regeneration, to its completion when we enter heaven. We will discuss the context within which our lives and experiences take place, the nature of faith and idolatry as ruling "voices" motivating and controlling our behavior, how to understand and respond to being sinned against, and how to build a biblical framework for defining and dealing with sin – our own and others. Other topics include the deceptive character of sin, the gospel foundation for all obedience, some alternative views for the Christian life, and the biblical function and purpose of the church as well as the role of each Christian in the church. [OFA]

BMN321 Foundations of Ministry to Women (3)
Prerequisite: women only.
This course is designed to give female students a framework for women's ministry in the local church. Topics will include biblical womanhood and the mandate for ministry to women (Tit. 2;3-5, 1 Tim. 3:11; 5:9-10). Special attention will be given to exposing students to developing a biblical philosophy of women's ministry while also providing practical instruction for serving and ministering to women in their various spheres of influence. The overarching objective is to equip women to think biblically and develop a theology and a functioning model for women's ministry. [FA]

BMN333 Worship & Songs of the Church (3)
Same as MU333.
G.E. substitute: fulfills MU190 for Biblical Studies majors.
Traces the thread of worship from early Hebrew times to the present; explores the varied paradigms of worship and reasons why we worship as we do. Presents the historical development of psalms, hymns, and spiritual songs and an introduction to the history of Western music and art. [OFA]

BMN357 Event Planning (3)
One of the most practical skills that can be utilized in the church and in the community is organizing gatherings where people can fellowship, learn, and grow. Some of those gatherings include general parties, weddings, birthdays, funerals, baby showers, community outreach events, Bible studies, conferences, and retreats. This course will offer the biblical ideology and the basic skills training required for successful event planning. Some topics that will be covered are worship, motive, character qualities of a leader/organizer, proactivity, attention to details, organizational methods, common sense, humility, communication, delegation, overseeing volunteers and paid staff, facilities knowledge, and problem solving. In addition to interactive lecture, this course will also include planning, organizing, executing, and debriefing an assigned event. This practical course should serve the student well in life, whether the skills are used in secular arenas or formal ministry and/or everything in between. [3-4]

BMN360 Personal Discipleship (2)
Prerequisite: women only.
As disciples of Jesus Christ, students desire to grow spiritually for the rest of their lives. That growth for all of us as believers takes place through the Word of God, the Spirit of God, and the people of God. In this course students will read biblically sound content on various topics written by many different authors (both classic and contemporary), and together we will ask God to teach us about Himself and how to walk with Him and grow in Him. Topics for study and discussion in this course include the priority of worship of God, spiritual disciplines, personal relationships with people in our lives, what it means to be created female with its joys and challenges, Christian ministry for women and their commitment to the church, evangelism and outreach, trials and adversity, stewardship of time, and stewardship of finances. Students will write responses to the content they read and apply it to their own lives. [ET]

BMN371 Sermon Preparation (3)
Prerequisite: men only.
GE substitute: fulfills C100 for Biblical Studies majors.
An investigation of the biblical idea of preaching and instruction in the principles and practices of sermonic analysis and structure. Opportunity is afforded each student to prepare and present expository sermons before the class. Critical analyses are given by the professor and students. [ET]

BMN377 Principles of Christian Leadership (3)
This course teaches students across multiple disciplines the foundations of Christian leadership in character and leadership skills. This course will provide practical student leadership, management training, and seminar-type instruction in biblical principles of Christian leadership. Topics covered are the character of a Christian leader, personal leadership skills, managerial skills, team management, and inter-personal conflict resolution skills. [OFA]

BMN399F Hospitality for Eternity (3)
Prerequisite: Women only. Juniors and Seniors, 1 Year Bible Certificate, and Women's Ministry Certificate only.
Fee: $50
The aim of this class is to provide insight into the hospitable nature of God, provide an overview of the believer's call to hospitality within the church, home, and life with neighbors, and to teach practical tools for implementing hospitality into everyday life. This class will marry together doctrine and discipleship; theology and practice; Bible reading and salsa making. [SPC]

BMN417 Pastoral Student Ministries (3)
Prerequisite: men only.
A study of the practical areas of ministry and church life, with special attention given to pastoral functions (i.e. daily schedules, priorities, leadership, team concept, and special events). [3-4]

BMN498 Ministry Area Study (2)
A concentrated study in an area of ministry, whether it be in the local church, a parachurch organization, etc. [OOD]

(BMS) Bible: Global Studies

BMS301 Introduction to Missions (3)
A general introduction to the principles and practices in Christian missions, surveying the biblical basis of missions, the missionary call, the missionary life and work, mission boards, and the mission program of the church. [FA]

BMS302 Field Internship (3)
The student will work together with the professor to arrange for an internship in an international setting for working among the student's target population. The managing host will mentor and evaluate the student as the student interacts in cross-cultural settings including but not limited to home management, education, hospitality, business and government interactions, and community relationships. Emphasis will be placed on the student's cross-cultural, spiritual, and vocational growth, as well as his/her strengths and weaknesses. [SP]

BMS305 History & Theory of Missions (3)
A study of the background, origin, and expansion of the Christian Church, with attention to the people and dynamics that have contributed to its growth. [EFA]

BMS307 Biblical Method of Missions (3)
Students will investigate the biblical principles which should undergird both the philosophy and strategies of missions today. Comparison of approaches to evangelism, church planting, Bible translation, international theological education, and mercy ministry will be conducted in order to train the student to discern which influences shape missionary practice. [3-4]

BMS312 Global Outreach (3)*Fee: $80*
A practical training course focusing on the preparation of those students participating in the summer missions program. Topics include cross-cultural ministry, dealing with culture shock, evangelism, travel requirements, and a specific country study (economics, history, traditions, politics, and ministries). This course may only be taken one time for credit. [SP]
BMS412 Global Outreach (0)
For those on summer trips who have already taken BMS312.

BMS317 Urban Ministries (3)
Fee: $50
This course is designed to acquaint students with the dynamics of inner-city ministry by developing a biblical theology of church ministry, investigating how principles of missions are implemented in urban churches within the greater Los Angeles area, and evaluating the effectiveness of urban ministries that emphasize an Incarnational model of ministry. Students will be required to complete a semester-long, field-based internship to receive credit for this course. [3-4]

BMS324 Foreign Language Acquisition (3)
The student will participate in both formal and informal learning of a modern language during the field internship. The student will accomplish a minimum of 40 formal hours of instruction during the internship. [ESP]

BMS337 Cross-Cultural Church Planting Practicum (3)
Consideration of the biblical mandates given for establishing God's church among the ethne will provide the framework for this course. Particular topics investigated will include recognizing the unique characteristics of a culture, consideration of unexpected opportunities and obstacles to establishing a nationally led church, and the process of evangelism, discipleship, and raising up of national leadership. [3-4]

BMS344 Local Church and Missions (3)
This course will investigate the local church's role in missions, as developed in the New Testament, with emphasis upon the church's responsibility in selecting, sending, and shepherding missionaries. The course will focus on the character and qualifications necessary for missionary service, how these are cultivated in church members, and the responsibility for pastoral and lay leadership to develop a biblical philosophy of missions that will serve both those who are being sent and those who are sending. [ESP]

BMS346 Cultural Anthropology (3)
This course is an introduction to cultural anthropology to assist students in developing the skills to personally acquire an accurate understanding of various cultures through exposure to field methods of studying, describing, analyzing, and applying culture. Subject matter will be addressed from a biblical worldview to understand and discern the process of culture research and personal communication in another culture. Some of the topics to be addressed will include language, kinship, relationships, daily life patterns, education, and rituals. [OSP]

BMS366 Gospel, Culture, and Vocation (3)
This course will survey the biblical foundation for evangelization of the nations by looking at the cross-cultural accounts and commands in the Old and New Testaments. In addition, contemporary methods of evangelism will be investigated. Further study will address significant theological issues related to the Reformation doctrine of vocation and its implications for discerning God's will, selection of an academic discipline, career placement, and stewardship of employment opportunities for gospel witness. The student will participate as both learner and teacher as a unique design feature of this course. [OSP]

BMS375 Evangelism & World Religions (3)
A study of the major religions of the world with an emphasis on how to evangelize those religions.

BMS377 Cross Cultural Ethics (3)
Ethics are based on a person's core beliefs and worldview, which is at the center of any culture. Careful examination of multiple cultural settings to identify and investigate where cultural ethics can appear at odds with or consistent with biblical ethics is a necessary skill for the effective missionary who desires to approach their ministry with integrity, as well as disciple nations to live faithfully. [3-4]

BMS378 Gospel Living (3)
This workshop will investigate both the theological and practical issues involved in living a life focused on calling people to be reconciled to God. The course content will include an introduction to evangelism and missionary care through a local church. Class will include site visits to local organizations and ministries, and students will be involved practically in support ministries and outreach opportunities in the local community. [OOD]

BMS385 World Religions (3)
A study of major non-Christian religious systems in the world. The claims of each will be compared with the absolute truth and adequacy of biblical faith. [EFA]

BMS387 Ethnography: People Group Research (3)
To prepare the student to live and understand the culture of a specific people group among which they will minister, and give best practices in cultural observation, analysis, and in-field research will be facilitated. The development of cross-cultural relationships combined with reflection on anthropological concepts presented in the pre-requisite cultural anthropology course will require students to spend time engaging a specific cultural group interpersonally. [3-4]

BMS397 Missionary Biography (3)
The course will require extensive reading and evaluation of selected biographies of great missionaries such as Carey, Brainerd, Judson, Moffat, and Goforth. Missionary methods will be compared and evaluated. [3-4]

BMS399A Religion and Culture of Turkey & Greece
A field-based exploration of the cultural, religious, and ethnic aspects of the lands of Turkey and Greece. Special attention will be given to the religious and cultural distinctives of the lands. [SPC]

BMS403 Theological Issues in Globalization (3)
This class will survey the biblical foundation for evangelization of the nations by looking at the cross-cultural accounts and commands in the Old and New Testaments. In addition, comparison studies will be conducted demonstrating the core soteriology of major world religions and worldviews. Further study will address significant theological issues related to contemporary mission methodology. The student will participate as both learner and teacher as a unique design feature of this course. [OFA]

BMS407 Introduction to Bible Translation (3)
This course offers an introductory survey of Bible translation. After covering the motivation for Bible translation, the history of translation, and the continuing need for translation work, the course will focus on principles of translation and the challenges presented by various non-Indo-European languages. The course will include the reading of select biographies of well-known Bible translators. [3-4]

BMS417 Cross Cultural Counseling (3)
This course will build upon the principles of effective Word-based discipleship and counseling, with a particular focus on understanding the cultural beliefs and practices which inform both thinking and practices of those in another ethnic or cultural context. It will also consider established norms, roles, relational interaction, social expectations, and underlying beliefs of a culture in order to apply biblical truth for faith and practice. [3-4]

BMS487 Introduction to Islam (3)
As a major faith system increasing in its influence within every country, the student will be presented with the history of Islam, introduced to both its leaders, texts, laws, and sects to understand the attraction and influence of the Muslim faith. The student will be challenged to communicate accurately the biblical teaching which corrects the teaching of the Koran. In addition, evaluation of current methodologies of missions currently employed to reach those with an Islamic background will be studied. [3-4]

BMS488 Religions of America (3)
A study of the most prominent modern religions native to America, with particular reference to their historical backgrounds and doctrinal positions. [OOD]

BMS498 Missions Area Study (2)
A concentrated area study dealing with both historical and contemporary developments in political, economic, cultural, and religious life, as well as missionary endeavors. The student may select a nation to study from the following areas: Africa, Asia, South America, Europe, and Central America. These courses can be designed to take while living for a semester in an international or urban cross-cultural setting. [OOD]

BTH321 Christian Theology I (3)
Fee: $25.
A survey of Christian theology in the areas of God (Theology Proper), the Bible (Bibliology), angels—including Satan and demons—(Angelology), Christ (Christology), and the Holy Spirit (Pneumatology). [FA]

BTH322 Christian Theology II (3)
Fee: $25.
A survey of Christian theology in the areas of humanity (Anthropology), sin (Hamartiology), salvation (Soteriology), the church (Ecclesiology), and last things (Eschatology). [SP]

BTH327 New Testament Theology (3)
An introduction to the theory, method, and content of New Testament theology. Various approaches to New Testament theology will be critically appraised. Special attention will be given to how the Old Testament and its interpretation within second temple Judaism formed the ideological background for New Testament theology. The content of New Testament theology will be discussed with particular focus on the theologies of Matthew, Luke, Paul, and John. [3-4]

BTH328 Old Testament Theology (3)
A study of the distinctive viewpoints of each period of Old Testament history with respect to the major points of theology. It will be accomplished by means of exegesis and collation of passages independent of any philosophic system. [OOD]

BTH336 Theology of God (3)
School of Biblical Studies degree(s): no prerequisites.
School of Online degrees(s) prerequisites: B101, B102, B201, B202, B340, B310, BTH321, BTH322.
An in-depth study of God, including His nature, attributes, and triunity. Key aspects of Christology and Pneumatology are also explored. [OSP]

BTH347 Theology of Angels (2)
An in-depth study of the doctrine of angels, their origin, fall, present ministry, and their future. [3-4]

BTH348 Theology of Man & Sin (3)
An in-depth study of the creation, characteristics, and composition of human nature, the origin and nature of sin, and contemporary issues in theological anthropology and hamartiology. [OOD]

BTH354 Biblical Theology and Prolegomena (3)
Prerequisite: B352.
An introduction to theology which explores how the Bible fits together. This course includes a look into the continuity and discontinuity of the Old and New Testaments and tracing the themes of the biblical storyline through progressive revelation. [ESP]

BTH357 Theology of Christ (3)
An in-depth study of the doctrine of Christ, including His birth, death, resurrection, deity, and kenosis. [3-4]

BTH358 Theology of Salvation (3)
An in-depth analysis of the doctrine of salvation, including the atonement, election, regeneration, justification, sanctification, and perseverance. [OOD]

BTH366 Theology of the Church and Family (3)
School of Biblical Studies degree(s): no prerequisites.
School of Online degrees(s) prerequisites: B101, B102, B201, B202, B340, BIB310, BTH321, BTH322.
A study of the nature and purpose of the church and family. This course will cover such topics as the nature of the church, the government of the church, key ecclesiological issues, the nature and role of the Old Testament Law in the church, as well as the nature and priority of the family in the church. [OSP]

BTH367 Theology of the Scriptures (3)
An in-depth study of the doctrines of the Bible, including such issues as revelation, inspiration, inerrancy, preservation, canonicity, and translations/versions. [3-4]

BTH373 Historical Theological Issues (3)
A survey of crucial theological issues as they pertain to key periods within church history. This course includes discussions of doctrinal issues connected to the church fathers, major church councils, the Reformation, and contemporary theology. [OFA]

BTH377 Messianic Theology (3)
This course focuses on the Messianic idea as it developed in both the Old and New Testaments. The first half of the course will concern the "Messianic Promise of the Old Testament." The course will examine the one promise of a coming deliverer and its various individual promises referred to as the Messianic Prophecies. It will seek to interact with the Jewish interpretation of these prophecies in post-biblical times down to the view of the Messiah in modern Judaism. The second part of the course will deal with the "Messianic Person in the New Testament." The treatment of this subject will be largely a study of the different titles for Jesus (e.g., Son of God, Son of Man, Lord, Messiah, etc.). The course could be described as "Christology from a biblical rather than a systematic theology perspective." [3-4]

BTH387 Theology of Paul (3)
An introduction to the theology of the Pauline letters. Methodological issues and the history of Pauline research will be considered briefly before turning to consider the major aspects of Pauline thought. Particular focus will be given to the so-called "New Perspective" on Pauline theology and an appropriate evangelical response to this interpretive scheme. [3-4]

BTH397 Biblical Theology of Vision (3)
This class traces the unity and development of the visions of Isaiah, Ezekiel, Daniel, Paul (Damascus Road), and John (Revelation) with a view to understanding various major biblical themes (salvation, God's presence, God's kingdom, Christ and the church, and eschatology) and how they interweave in redemptive history. This class will investigate how the visions reflect the theologies of their respective books, how they harmonize together, and how all of that helps to show the connectedness of biblical theological themes in one storyline. [3-4]

BTH407 Theological Systems (3)
Prerequisites: BTH321 and BTH322.
A study of the nature and methods of systematic theology, along with an examination of six historical theological systems: Roman Catholicism, Reformed Theology, Arminianism, Modernism, Neo-orthodoxy, and Dispensationalism. [3-4]

BTH417 Contemporary Theology (3)
A survey of developments leading to the rise of religious liberalism and a critique of theological positions in the 19th and 20th centuries, including Neo-Orthodoxy, Existentialism, and radical theologies. [3-4]

BTH425 Theology of End Times (3)
An in-depth study of the Scriptures' bearing on the Rapture, the coming of Christ and the Millennial Kingdom. This course also covers an evaluation of hermeneutics and various positions on eschatology. [EFA]

BTH427 Theology Seminar (3)
Prerequisites: BTH321 and BTH322.
This course is designed to introduce the student to the practical utility of an evangelical theological method. Students will focus on contemporary trends and emphases in theology confronting the contemporary Christian church. [3-4]

BTH429 Pastoral Theology (3)
Men only
This class is for those considering pastoral ministry. The class introduces a wide but fundamental spectrum describing the biblical office of Pastor/Elder/Overseer as to a man's personal life and pastoral practice. [SPC]

BTH437 Man, Sin and Salvation (3)
An in-depth study of the creation, characteristics, and composition of human nature, the origin and nature of sin, and the doctrine of salvation, including the atonement, election, regeneration, justification, sanctification, and perseverance. [3-4]

BTH438 Roman Catholic Theology (3)
This class will analyze Roman Catholic Theology and Practice from an evangelical perspective. The course will broadly cover history of the Catholic Church, some of the key elements in its theology and how it differs from evangelical theology, theological developments beginning with the Tridentine settlement as a response to the Reformation, the Church's stance in Vatican Council I, the evolution in its theology post-Vatican II, and how to evangelize Roman Catholics. [OOD]

BTH448 Mormonism (3)
An in-depth examination of the history, beliefs, and practices of Mormon groups. [OOD]

BTH498 Theology Area Study (2)
A concentrated study in theology, which may include a particular doctrine or passage. [OOD]

BTH499 God in Philosophy & Theology (3)
A study of the nature of God and the coherence of the divine attributes; God's relation to logic, language, time, causality, and evil; and belief as it relates to science, natural theology, evidence, and mysticism. [SPC]

(BTS) Biblical Studies - Graduate Level

BTS090 MABS Entrance Examination (0)
School of Online degrees(s) only.

BTS500 Introduction to Biblical Studies (2)
School of Online degrees(s) only.
A graduate seminar focusing on foundational issues in the field of biblical studies. Seminar topics include inspiration, origin, authority, canonicity, transmission, and translation. Students will be exposed to the assumptions of critical scholarship related to the Bible and an evangelical response to those assumptions. Issues of special introduction to selected portions of the Old and New Testaments will be treated with particular attention to the conclusions of modern "higher criticism."

BTS501 Hermeneutics (2)
School of Online degrees(s) only. Prerequisite: BTS500.
A graduate seminar focusing on hermeneutical theory and practice related to the biblical text. Attention is given to the philosophical and literary foundations that describe relationship between author, text, and reader; the interpretative methodologies that are applied to various scriptural genres; and the application of interpretive theory to specific passages of Scripture.

BTS502 Gospel of John (3)
This is a Directed Studies course.
A study and analysis of the purpose, structure, emphases and significance of the English text of the Fourth Gospel. Special attention is given to theological and Christological content, along with practical truths.

BTS510 Land of the Bible (2)
School of Online degrees(s) only. Prerequisite: BTS500 and BTS501.
This course is a visual study of the Land of Israel, with emphasis on the biblical sites. It employs aerial videos of the sites and 34 hours of lectures explaining the sites. In-depth study of a biblical atlas and the geographical aspects of the life of Christ are included. This course is taken if the student cannot personally visit Israel and take the IBEX570 course.

BTS511 Creation and Covenant (2)
School of Online degrees(s) only. Prerequisite: BTS500 and BTS501.
A graduate seminar focusing on the biblical-theological study of the Pentateuch. Emphasis will be given to the foundational themes of creation and covenant as essential to biblical theology, the exploration of critical issues of authorship and composition, the discussion of interpretive options for crucial passages, and the formative influence of creation on the current public debate on origins and age of the earth.

BTS512 History of the Covenant People (2)
School of Online degrees(s) only. Prerequisite: BTS500 and BTS501.
A graduate seminar focusing on the history of Israel from the period of the patriarchs through the Babylonian exile. Emphasis will be given to placing the history of Israel against the backdrop of the ancient Near East, from the perspective that God used the nations surrounding Israel to accomplish His purposes for her and orchestrated world history around her. Further attention will be given to the historical method and historiography concerning ancient Israel.

BTS513 Prophecy and Prophets in Context (2)
School of Online degrees(s) only. Prerequisite: BTS500 and BTS501.
A graduate seminar focusing on the Old Testament prophetical literature with attention given to historical backgrounds and context, internal message, theological themes, and issues of criticism.

BTS515 Worship and Wisdom (2)
School of Online degrees(s) only. Prerequisite: BTS500 and BTS501.
A graduate seminar focusing on the worship and wisdom literature of the Old Testament and its application to the contemporary church and the sanctification of every believer. Issues like the problem of pain, the value of worship, and the prosperity of the wicked will all be addressed. The student will learn to seek answers to life in the true worship of God and in the wisdom of God provided in these books.

BTS520 Early Church and Book of Acts (2)
School of Online degrees(s) only. Prerequisite: BTS500 and BTS501.
A graduate seminar that stresses both the Greco-Roman and the Jewish historical backgrounds that underlie the events in the Book of Acts. Particular attention is then given to the roles of Peter and James in the book.

BTS521 Historical Background of the New Testament (2)
School of Online degrees(s) only. Prerequisite: BTS500 and BTS501.
A graduate seminar focusing on the history, literature, and culture of the intertestamental period from the end of the OT period to 70 A.D.

BTS522 Life, Ministry, and Theology of Christ (2)
School of Online degrees(s) only. Prerequisite: BTS500 and BTS501.
A graduate study of the earthly life and ministry of Jesus Christ, including His role as Messiah and as Son of God. Special attention will be given to the Jewish historical and cultural background of His life, to the implications of His true humanity, and to the modern alternative theories about the facts and meaning of His life.

BTS523 Letters and Theology of Paul (2)
School of Online degrees(s) only. Prerequisite: BTS500 and BTS501.
A graduate seminar focusing on the writings of Paul. Attention is first given to the historical and cultural settings of Paul's life, in addition to the messages, theological themes, and analysis of selected passages in his epistles.

BTS524 Theology of Hebrews & General Epistles (2)
School of Online degrees(s) only. Prerequisite: BTS500 and BTS501.
A graduate seminar focusing on the theology of Hebrews and the General Epistles. Emphasis will be placed on critical issues relating to authorship, acceptance into the canon, historical settings, messages, theological themes, and interpretive problems. Special emphasis will be placed on the high priesthood of Jesus Christ as seen in Hebrews and the eschatology of 2 Peter 3.

BTS550 Central Themes of Biblical Theology (2)
School of Online degrees(s) only. Prerequisite: BTS500 and BTS501.
A survey of how the great theological themes progressively develop through both the Old and New Testaments. The difference between this approach and that of systematic theology is the tracing of how the theme develops through the successive stages of redemptive history. Particular attention is given to the promise of a Messiah in both testaments.

BTS571 Contemporary Issues in Theology (2)
School of Online degrees(s) only. Prerequisite: BTS500, BTS501, and BTS550.
A culmination seminar that seeks to integrate biblical studies with Christian faith and ministry. Students will use an evangelical theological method to address contemporary trends and emphases in theology confronting the contemporary Christian church. Students will be exposed to a wide diversity of theological literature and perspectives within and beyond the evangelical spectrum.

BTS600 Intermediate Greek (2)
School of Online degrees(s) only. Prerequisite: 6 units of Elementary Greek or ability to pass a placement exam in Elementary Greek.
A review of grammar learned in Elementary Greek with additional experience in translation of NT passages.

BTS601 Intermediate Greek Exegesis (2)
School of Online degrees(s) only.
A continuation of Intermediate Greek with further experience in translation of LXX texts and Apostolic Fathers, as well as an entire NT book.

BTS602 Intermediate Hebrew (2)
School of Online degrees(s) only. Prerequisite: 6 units of Elementary Hebrew or ability to pass a placement exam in Elementary Hebrew.
A review of grammar learned in Elementary Hebrew with additional experience in translation of OT passages.

BTS603 Intermediate Hebrew Exegesis (2)
School of Online degrees(s) only.
A continuation of Intermediate Hebrew with further experience in translation of OT passages and the development of a basic exegetical analysis of OT passages.

BTS620 Missions in the Bible (2)
School of Online degrees(s) only.
A study of the mission of God through His pursuant character through the Old and New Testaments.

BTS621 Missions in History (2)
School of Online degrees(s) only.
A study of the background, origin, and expansion of the Christian church with attention to the people and dynamics which have contributed to its growth.

BTS622 Mission of God in the Local Church (2)
School of Online degrees(s) only.
A study of the centrality of the local church in missions, focusing on the church's role of sending missionaries and caring for them.

BTS623 Mission of God in the World (2)
School of Online degrees(s) only.
A study of worldviews and religions with a focus on current trends in world missions.

BTS640 Worship Theology (2)
School of Online degrees(s) only.
An in-depth investigation of theology as it relates to the corporate worship setting. Services in several different styles are viewed and evaluated. Culminates in creation of a biblically based theology of worship.

BTS641 Worship Design (2)
School of Online degrees(s) only.
An exploration of all components in a worship service. Students create their own standard for lyrics and music, evaluate service orders, and consider essentials in worship leadership. Culminates in design of a worship service.

BTS642 Devotional Life of the Worship Leader (2)
School of Online degrees(s) only.
An examination of the spiritual disciplines for the purpose of godliness. An exploration of eleven spiritual disciplines for the Christian life: hearing, reading, studying, meditating on, and memorizing God's word; prayer; worship; evangelism; serving; stewardship; journaling. Application of the spiritual disciplines with the goal of developing lifelong patterns and practices.

BTS643 Worship Vocal Lab (1)
School of Online degrees(s) only.
This course covers basic singing technique, consisting of learning and practicing breath control, posture, diction, range extension, and improvement of tone quality. Healthy vocal production and practice habits are also discussed. All concepts are presented in a way that is applicable for use in church music ministry.

BTS644 Music Fundamentals (1)
School of Online degrees(s) only.
Leaders of worship music should be conversant in the language of music. This class provides training in rhythm, meter, pitch, melody, harmony, keys, and form, with application to music ministry.

BTS645 Worship Leadership and Administration (2)
School of Online degrees(s) only.
An examination of leadership principles and administrative topics specific to music ministry. Includes consideration of biblical counseling in pastoral situations; spiritual and musical growth of the worship team; creating a philosophy of music ministry; developing a music ministry. Important responsibilities such as management of time, schedules, facilities, budgets, personnel, ministry resources, and information are included.

BTS660 Systematic Theology (2)
School of Online degrees(s) only.
A study of the major doctrines of Scripture, including their relationship to theological systems and competing views, along with their connections to historical and practical theology.

BTS661 Theological Apologetics (2)
School of Online degrees(s) only.
A focused study of controversial beliefs crucial to Christianity, and interaction with diverse views in contemporary theology, sects, and world religions.

BTS662 Research in Theology (2)
School of Online degrees(s) only.
Under the direction of the professor, the student will choose, conduct, and defend a research project in theology. Attention will be to given assessing the need for the research; determining the scope of the project and a point of view; finding, assessing, and using resources; constructing an outline; and writing and defending the paper.

BTS663 Practical Theology (2)
School of Online degrees(s) only.
A course emphasizing the application of theology to such topics as preaching, teaching, counseling, missions, and ethics in ministry.

BTS680 Foundations of Women's Ministry (2)
School of Online degrees(s) only.
This course lays a biblical foundation for students' understanding of womanhood and women ministering in a variety of ways within biblically appropriate roles. Practical issues such as working alongside and supporting pastors and elders, building a Word-centered ministry, and facilitating discipleship in the church will also be dealt with.

BTS681 Message Preparation for Women (2)
School of Online degrees(s) only.
This course assists women in developing their public speaking skills, specifically for giving messages from God's Word in biblically appropriate ministry opportunities.

BTS682 Counseling and Discipling Women (2)
School of Online degrees(s) only.
This course will prepare women to minister to the spiritual needs of other women. Students will gain insights into the different opportunities, challenges, and temptations that arise in different stages of women's lives. Counseling issues addressed will include identity in Christ, body image, cutting, singleness, infertility, sexual issues, sexual abuse, and widowhood.

BTS683 Women in Church History (2)
School of Online degrees(s) only.
This course will examine how women have historically contributed to God's plan of redemption. Students will study the biographies of women in biblical and church history.

(BUS) Business

BUS310 Statistics for Business (3)
G.E. substitute: fulfills MA240 for Business Administration, Entrepreneurship, Marketing Media, & Sport Management majors.
Topics include descriptive statistics, elements of probability, probability distributions, sampling, estimation and confidence intervals, tests of hypotheses, linear regression, and correlation. [ET]

BUS319 The Bible and Money (3)
Same as B319 and IDS319.
A comprehensive study of the Bible and what it has to say about business and money. Topics will include giving/tithing, a biblical view toward money and wealth, saving and investing, and specifically ways that Jesus addressed the topic of money. There will be a comparison to what the world has to say about those topics. Cross Listed as: B319 as UD Bible Elective and IDS319. [SPC]

BUS320 Business Law (3)
Principles of business law covering the fields of contracts, agency, personal property, sales, negotiable instruments, partnerships, and corporations. [ET]

BUS330 Business Ethics (3)
G.E. substitute: fulfills P311 for Business Administration, and Entrepreneurship, Marketing Media, & Sport Management majors.
This course begins with a survey of the philosophical underpinnings of ethical positions followed by relevant biblical considerations. An analysis of contemporary ethical cases taken from economics and from business follows. [ET]

BUS368 Entrepreneurship (3)
Prerequisites: ACC210, ACC220, and MKT350.
The course focuses on starting a small business through an emphasis on thinking creatively. The student is encouraged to turn knowledge and skills into entrepreneurial activity, which can include opening a franchise or expanding a family business. Additionally, the curriculum will cover the basic knowledge necessary to operate a small business. Topics include (but are not limited to) writing a business plan, developing entrepreneurial skills, and doing case studies of successful small businesses. [SP]

BUS483, 484, 485, 486 Business Internship (1-4)
Prerequisites: junior or senior standing and permission of department chairperson.
An on-site work experience that gives the student practical training in specific business techniques and their applications. Evaluation will be made by the work supervisor and a member of the Business Department faculty. [ET]

BUS487 Applied Business Theory (3)
This course is designed to consider the practical application of business principles and the various methodological aspects in the business environment. This course will include student participation in a live business environment. These activities will form the basis of seminar discussions where the business will be analyzed from a biblical perspective. The goal of these courses is to help the student learn, evaluate, and sharpen practical business management skills. [3-4]

BUS490 Advanced Business Seminar (Capstone) (3)
Prerequisite: senior standing or permission of the department chairperson.
A course examining contemporary business issues through integrating coursework and acquired knowledge in the business discipline. Attention will be given to a biblical worldview, vocational pursuit, and a strategy for life-long learning. An additional course component is senior assessment. [ET]

(BUS) Business - Graduate Level

BUS510 Enterprise and Public Policy (3)
School of Online degrees(s) only.
A comprehensive study of the relationship between government policy, economic trends, and business performance. This course includes an overview of the contents and structure of TMU's entire online MBA program and must be taken as the first course in the program.

BUS520 Business Law (3)
School of Online degrees(s) only. Prerequisite: BUS510.
The course is a study of the procedures and organization of the United States legal system. The course will also provide an in-depth study of tort liability, contracts, and common law.

BUS530 Statistics (3)
School of Online degrees(s) only. Prerequisite: BUS510.
Students learn to conduct and interpret statistical analyses of common business problems using ANOVA, single and multiple regression, probability, and other techniques.

(BYM) Bible: Youth Ministries

BYM327 Survey of Student Ministries (3)
This course is designed to give the student a general survey of student ministries in America. It will include an overview of how student ministries function in a local church, as well as covering social and cultural perspectives. [3-4]

BYM337 Leadership and Administration (3)
This course is designed to help the student learn the facets of what makes for effective leadership in student ministries and methods of administrating a student ministry program. [3-4]

(C) Communication

C100 Spoken Communication (3)
Study and practice of the organization and delivery of prepared material in the conversational style of extemporaneous speaking.

C121 Fundamentals of Drawing & Design I (3)
This introductory course teaches students the skills of drawing, value, color, composition, balance, and proportion. These skills form the foundation of graphics design and photography courses and provide a solid foundation for improving students' artistic abilities through the application of digital media.

C122 Social Media & Communication (3)
An introduction to the dynamics of technologically mediated social discourse with a look at both individual implications as well as larger processes within society including culture, polity, and commercial enterprise.

C132 Podcast Studio (3)
Fee: $100
An exploration of podcasting as a form of journalism. Students will be introduced to the various types of podcasts and podcast outlets. They will work with classmates to research a podcast concept and then regularly produce and publish it. Components of marketing and attracting subscribers will also be discussed. Computer expertise is not required.

C138 Photo Journalism (3)
Prerequisite: C201
Fee: $100
Visual storytelling through making, selecting, processing, and disseminating photographic images. Technical, artistic, and professional topics are covered, including composition, lighting, portraiture, photo essays, and reproducing and publishing images, as well as legal and ethical issues.

C142 Introduction to Visual Communication (3)
Fee: $100
Introduction to Visual Communication would serve to develop a strong understanding of the role of visual communication in today's media landscape and begin to formulate skills that allow students to create compelling visuals that inform and inspire. Students would also be shown various methods of visual communication. Initial exposure to visual principles of form, image, color and typography will provide a foundation to allow students to improve skills of visual storytelling. A freshman level class, the students would be introduced to professional visual composition software like Adobe Photoshop, Illustrator and InDesign as well as traditional techniques of graphics creation.

C148 Introduction to ASL and Deaf Culture (3)
The course offers an immersive introduction to American Sign Language usage. Students will learn basic elements of signing and will be introduced to nuances of Deaf culture.

C191 Pocket Studio (3)
Fee: $100
In a day and age when on-the-street experiences are documented and shared worldwide, this class will explore the best go-to tool: the phone in your pocket. Students will create ready-to-be-viewed short video productions using minimalist technology. Throughout the course, students will focus on elements such as story structure, camera angle, lighting, editing, and sound. Finished productions will be viewed and critiqued by peers and the instructor.

C201 Digital Photography I (3)
Fee: $100
From handheld to professional SLR cameras, students will learn the basics of equipment and advanced methods to make photographs look more professional. This class will cover how to connect, download, and upload your digital images to CDs, the web, or for print. Everything from file management to composition, this class covers a wide range of techniques to make students better, more effective photographers.

C202 Film History (3)
A study of film from its early conceptual stages to its familiar modern format. Also included will be film's influence on society and the biblical response.

C203 Media Strategies: Ministry and Missions (3)
Same as B203.
Fee: $100
This course equips students with foundational skills to create impactful media for churches, ministries, and the mission field. Through hands-on projects, practical instruction, and internship opportunities, students will gain real-world experience while learning the technical and creative aspects of video production, audio design, and live-streaming. A key emphasis is placed on serving in ministry contexts with a strong theological foundation, exploring how media can be used as a tool for gospel communication and discipleship. Key topics include storytelling techniques for ministry, filming in the missions field, and working in a live production environment. Whether you're just starting or looking to take your skills to the next level, this course will help you create meaningful and effective media that aligns with a biblical understanding of ministry and enhances the church's mission.

C214 Fundamentals of Drawing & Design II (3)
Prerequisite: C121.
Fee: $100
This class builds on the principles and skills taught in C121. Its objectives are to deepen and refine the skills of drawing and composition through a more robust understanding of value, color, balance, and proportion. Practical exercises are utilized throughout the class to give the student tangible experience as well as work for their portfolio.

C220 News Media Literacy (3)
News Media Literacy teaches students how to test information delivered as new for accuracy and veracity. Students will learn how to vet information for evidence of bias in various forms such as misinformation, misdirection, missing information, slanted sources, reliance on unnamed sources, statistical manipulation, editorializing, "fact checking," headline misdirection, etc.

C231 Digital Video Editing I (3)
Fee: $100
Students will learn the fundamentals of non-linear editing. They will learn the technical aspects required by the film and television industry, the basics of assistant editing, and workflows.

C232 Digital Video Editing II (3)
Prerequisite: C231.
Fee: $100
Students will discuss the theory of editing. They will learn the elements that give a cut emotion and the properties that direct the viewers' attention. Above all, students will be challenged to find and create story from the footage. Students enrolled in this course will edit the department's annual short film production.

C234 Travel Writing (3)
Directed Study only.
Techniques for crafting publishable articles on travel writing, a genre that is featured both in magazines and in every major U.S. newspaper.

C248 Intermediate ASL (3)
Prerequisite: C148.
Students build on the principles learned in C148 Introduction to ASL and Deaf Culture. Students will increase proficiency in ASL skills with an emphasis on vocabulary development and comprehension skills.

C250 Introduction to Acting (3)
A beginning and interactive study of acting, acting philosophy, and technique including stage presence, story-telling and preparation, that will assist the performer to communicate to an audience in an engaging and authentic way.

C254 Memoir Writing (3)
An exploration of journal keeping and autobiographical writing. Students will read and write various types of personal essays and memoirs and share them in small group settings.

C261 Introduction to Journalism (3)
Students are introduced to the basics of professional journalism to gain an understanding of how a publication works; develop instincts as an interviewer, reporter, and writer; and understand the various genres associated with journalistic writing. Students will also learn to develop editing skills by using the Associated Press Stylebook and write on deadline to prepare for writing for the campus publication and beyond.

C284 Group Dynamics (3)
The process of group communication including verbal and nonverbal messages, leadership, rules and roles, cohesiveness, conflict reduction, and problem solving.

C301 Political News Reporting (3)
In this course, students will learn how to effectively write and report on politics. It will cover the various political beats assigned to reporters at the local, state, and national levels. Students will learn techniques for both print and broadcast media.

C302 Broadcast News Reporting (3)
School of Online degree(s) only.
In this course students will learn how to write and report news stories in the multimedia age. It will focus on acquiring, writing, reporting, and producing stories for various types of broadcast news outlets. Students will also learn about career options in the broadcast news field.

C303 Documentary Filmmaking (3)
Prerequisite: sophomore standing.
This course will expose students to the historical and theoretical elements that compose documentary filmmaking—journalism, research, development, filming, and editing. The course will examine the cultural, legal, and ethical parameters that are crucial to the production, while exploring the major themes often present within documentaries. Students will create documentary projects throughout the class.

C304 Digital Photography II (3)
Prerequisite: C201 or instructor approval.
Fee: $100
An advanced course in photographic techniques using professional lighting and studio tricks. Students will learn how to manipulate light and shadow to create contrast, form, and interest in portraits, product shots, and landscape photography.

C308 Entrepreneurship for Creatives (3)
This course will focus on determining and establishing identity, branding, media presence, marketing, professional development, ethics, pricing, networking, collaborations, finances, boundaries, and growth plans for creative entrepreneurs.

C311 Video Production I (3)
Fee: $100
Introduction to the video technical language and creative and aesthetic elements of the production process. Students will gain understanding of lighting, sound, camera operation, composition, and design of visual elements.

C312 Video Production II (3)
Fee: $100
Prerequisite: C311.
A continuation of the subjects of Video Production I.

C318 Introduction to TV Studio Production (3)
Fee: $300
The Introduction to TV Studio Production class will teach students what it takes to produce a multi-camera show. Students will gain hands-on experience utilizing elements such as lighting, set design, talent management, using a video switcher, and audio console and graphics – all in the context of producing a tape-to-air show.

C320 Newspaper Staff (3-12)
Prerequisite: C261.
Fee: $75
By writing for the TMU student publication, students will learn the techniques and methods of mass communication. Laboratory experience in constructing one or more of the news forms of the student publication: news reporting, feature writing, editorials, photojournalism, design, etc. Journalism emphasis majors are required to actively serve on The Mane staff by registering for Newspaper Staff for a minimum of 3 semesters. May be repeated for up to a combined total of 12 units. May be repeated for credit.

C321 Screenwriting I (3)
Fee: $100
An introduction to the styles, techniques, content, and forms of screenwriting. Student work is considered for the department annual short film production.

C322 The Business of Film (3)
An overview of the business side of film making. Topics include producing, financing, distribution, marketing, contracts, and other legal issues, working with studios, and the history of the film business. Also included will be a discussion of the art versus profit dilemma, and important films that changed the industry.

C323 Introduction to Cinematography (3)
Fee: $100
Prerequisite: C201 or C311, and junior or senior standing.
The world of cinematography is a constant battle between the technical and the artistic. This course is designed to approach both by studying cameras, lenses, lighting and color, and camera movement. This course will cover both the theory and practical application of cinematography.

C328 Screenwriting II (3)
Prerequisite C321.
Fee: $100
Students build on the principles learned in C321. Students will complete a developed screenplay (short).

C331 Freelance Entrepreneurship/Digital Age (3)
Prerequisite: junior or senior standing.
Fee: $100
This course will examine the entrepreneurial power shift in the world of business and what it means for media practitioners, entrepreneurs, and technologists. The disruptive nature of the Internet, open source technologies, and lower barriers-to-entry have prompted a shift in the power from large media companies toward smaller organizations and individuals.

C336 Political Communication (3)
Same as POL336.
A study of the various media and their impact on politics. Particular emphasis on television, political cartoons, and propaganda.

C338 Multimedia Storytelling (3)
Prerequisite: C261 or C311.
Fee: $100
An introduction to the arena of multimedia journalism. Students will learn the process of combining text, images, sound, videos, and graphics to tell an engaging story on an online platform. Students will produce finished pieces to be viewed and critiqued by peers and the instructor.

C341 Feature Writing (3)
Prerequisite: C261.
This course explores the method and artistry of the literary feature. Students will examine the form with an eye toward technique and delivery (finding and framing the story, structure, tone, point of view, writing style, etc.). Students will write several features for possible publication.

C348 Content Marketing (3)
Prerequisite: Professor approval.
Fee: $995
This course will teach students the concepts and skills in the area of content marketing. Students will gain theoretical and practical knowledge while actively working on promoting a film in production. This will allow students to gain real-world experience in the who, what, when, where, and why of content marketing. *May be repeated up to 2 times.*

C350 Advanced Acting (3)
Prerequisite: C250, or instructor approval.
Advanced instruction and study of the art and craft of acting that will give the student an opportunity to further hone, develop, and execute methods and techniques required for engagement in the real world pursuit of the craft of acting. Students will engage in intense character and scene study throughout the semester, as well as other varied performance opportunities.

C351 Creative Writing (3)
Students will study the extended short story form (novella), including plot, characterization, and dialogue. The course will include regular writing for peer review, offering ample time for revision and completion of a polished extended short story (novella).

C352 Editing I, Principles of Copyediting (3)
Grammar basics and sentence structure are reinforced. However, the bulk of the course covers the real-world issues writers encounter in college and beyond. Issues such as word choice, antecedents, plurals, possessives, punctuation, clarity, conciseness, and self-editing. Chicago, MLA, and Associated Press style formats will be explored. Reading and coursework are also geared for those looking at editing as a career or see it as an important aspect of a chosen job field. Additional topics covered include "editing well means writing well," the editor-writer relationship, and using style guides. Students learn by dissecting weekly news articles, editing articles for the campus newspaper, and self- and peer-editing various writing assignments.

C353 Theatre Arts (3)
Prerequisite: Audition required.
Fee: $100.
A theatre acting offering, participating in the cast of a full-length play or musical in which you will learn and work out the craft of acting and a biblical philosophy of the performing arts. Open to all traditional TMU students. Audition required. May be repeated for credit. Maximum of 3 units count toward communication electives.

C355 Theatre Production (3)
Prerequisite: Application required.
Fee: $100.
A theatre production offering, participating in a full-length play or musical in which you will learn a biblical worldview of production and work out the crafts of set building, stage management & crew, hospitality & cast services, production design, hair & makeup design, costuming, lighting, audio, props, or social media/video production & photography. Open to all traditional TMU students. Application required. May be repeated for credit. Maximum of 3 units count toward communication electives.

C356 Theatrical Choreography (3)
Prerequisite: must be currently enrolled as cast in current semester's play or musical.
Fee: $50.
Choreography workshop for actors. May be repeated for credit. Maximum of 3 units count toward communication electives.

C358 Production Techniques (3)
Production Techniques will teach the student the art of production that will prepare them for a wide range of production opportunities in the future – from professional events to productions in local churches, schools, and everything in between. In this class, students will learn the theory, foundation, philosophy, and theology of event production. The student will also have the opportunity of hands-on learning through labs in a partnership with Campus Productions and Events as well as learning to pitch and design an event from the ground up with a team. There is something for every talent and interest, and the hands-on learning approach is unbeatable.

C361 Film Noir: The Genre of Style (3)
This class will explore the stylized genre known as Film Noir. This dramatic form of film storytelling peaked in American cinema during the 1930s-50s. Students will study selected films to explore the political and artistic elements of the genre and its impact on cinema.

C362 Writing Editorials and Columns (3)
Students will develop the skill of writing columns and editorials as they appear in journalistic venues across both print and electronic media.

C368 Fundamentals of Advertising (3)
Basic principles of copywriting for print and broadcast media. Surveys newspapers, magazines, billboards, brochures, direct mail, radio, and television.

C371 Interpersonal Communication (3)
Analysis of the theory and practice of the process of interpersonal communication including verbal and nonverbal messages, self-disclosure, social power, intimacy, emotions, conflict reduction, and various interpersonal relationships.

C372 Science Fiction Writing (3)
Prerequisite: C351.
Students will explore the genre of science fiction short stories—how to read them critically and how to write them effectively. The course will cover the nuances and history of the different forms and motifs of science fiction to help students develop their writing skills across each of those forms and motifs.

C373 Graphic Design I (3)
Prerequisite: C142.
Fee: $100
This class introduces the students to the concepts of Desktop Publishing. Topics covered will include color theory, page layout, composition, print requirements, and other production-related techniques. The applications used in this class are Adobe™ Photoshop™ for image editing, Adobe™ Illustrator™ for logo design, and Adobe™ InDesign™ for page layout and composition.

C374 The Western: Myth, Ideology, and Genre (3)
The Western is the oldest American film genre. It has served as one of the most important mediums for delivering the myth of the romanticized American frontier. The course surveys the development of the Western film genre and sets it in a historical and cultural context. The class will survey feature films and books that help to put into context the genre's importance in history—both culturally and politically.

C378 Fantasy Fiction Writing (3)
Prerequisite: C351.
Students will practice the craft of writing in the genre of fantasy fiction, with special emphasis placed on the novel and novel series formats. The course will focus on traditional fiction writing components such as plot, character, tone, setting, narrative, point of view, scene building, etc. Additionally, students will engage in discussion and guided practice surrounding genre-specific elements such as world building, history creation, systems of myth and magic, etc.

C381 Beginning Public Relations (3)
Theories, processes, and techniques involved in planning and implementing programs designed to influence public opinion and behavior.

C382 Persuasion (3)
Theories and techniques of social influence. Course content includes motivation, attitude change, ethics, credibility, nonverbal persuasion, logic and argumentation, emotions, and cultural influences.

C383 Family Communication (3)
A survey of communication that occurs within the family, with emphasis on rules, change, development, power, stress, and decision making. Attention will be given to how families seek satisfaction through communication.

C384 Nonverbal Communication (3)
Examination of the influence of environmental factors, physical behavior, and vocal cues on human communication.

C388 Communication & Social Movements (3)
Social and political movements as rhetorical phenomena. Ideology and influence of recent movements will be analyzed.

C391 Intercultural Communication (3)
Analysis of theories and techniques of the process of communication between persons of different cultures or subcultures.

C392 Advanced Public Relations (3)
Prerequisite: C381. Requirement: off-campus internship of 10 hours a week.
Advanced theories, processes, and techniques involved in planning and implementing programs designed to influence public opinion and behavior.

C394 Introduction to Computer Visual Effects (3)
Prerequisite: junior or senior standing.
Introduces students to basic concepts for producing visual effects using computers. HDRI, rotoscoping, green screen compositing, and explosions are a few methods demonstrated during the class. These effects apply to film, video, animation, graphics, and photography.

C398 Content Streaming Workshop (3)
An intensive, hands-on course that walks students through the ins-and-outs of building and sustaining a revenue-generating internet streaming presence. Students will learn to utilize current streaming platforms, as well as how to utilize other media platforms to build visibility and revenue, as well as drive traffic to the stream. Course content will also cover how to navigate the challenges and opportunities of being a Christ follower while interacting with audiences in both live and recorded settings.

C399 Advanced Film Production Workshop (3)
May be repeated up to two times.
Fee: $995
A crash course in the exciting world of film production. Students will have the opportunity to learn about all the major facets of making a movie, including screenwriting, casting, directing, and producing. The course will culminate with the students working alongside a professional crew to produce a short film.

C399C Journalism Immersion Workshop (3)
Prerequisite: C261 or professor approval.
Fee: $995
This course is designed to give students a fully-immersive experience in on-the scene reporting and writing. Students will be embedded with the Winterim Production crew during shoot days for the purpose of filing daily stories (written and filmed) for daily publication and broadcast across department media.

C399D Narrative Cinematography and Lighting (3)
Fee: $995
This course will allow students to gain practical experience in crafting lighting and cinematography for narrative film. Students will be expected to work in camera and/or grip and electric positions. The class will allow students to work alongside industry professionals—while being expected to contribute to the creative vision of the film. *May be repeated up to 2 times.*

C399E Production Design & Wardrobe Workshop (3)
Fee: $495
This course provides students a hands on workshop in production design and wardrobe for film, including: set dressing, set deck & props, wardrobe creation, curation and design. Students will learn how to pull all of these aspects together to contribute to a narrative film. *May be repeated up to 2 times.*

C399F Film to Post: Post Production Workshop (3)
Fee: $995
This is a crash course in bridging the gap from production to post production. Students will work alongside key production members like the Director, Director of Photography, Camera Crew and Lead Editor to ensure narrative consistency. The class will help to create a foundation for the film including the overall look and editorial shaping of the production. Can be repeated up to 3 times for credit. *May be repeated up to 2 times.*

C401 Directing (3)
Prerequisite: C312, C321, C322, C331.
Fee: $100
Concentration on the principles and aptitudes of planning and picturization of script material, culminating in the production and editing of various projects.

C402 Film Production (3)
Prerequisite: C401.
Course fee: $350.
CAPSTONE CLASS (CINEMA & DIGITAL ARTS). An advanced course in production. Students will have the opportunity to create and produce a short film with a professional film crew.

C404 Graphic Design II (3)
Fee: $100
This class builds upon the previous classroom experience from Graphic Design I and covers new concepts for infographics, advertising, electronic publications, production of books, graphic novels, magazines, and newspapers.

C424 Visual Communication Capstone (3)
Fee: $100
This course is designed for students to apply the knowledge, skills, and techniques they learned throughout the Visual Communication program. Students must complete a comprehensive design project from conceptualization to production. This professional-level portfolio project will integrate essential design and project management principles to give students a platform to demonstrate their unique style, creativity, and technical proficiency. This class will serve as a necessary transition from student work into professional practice.

C430 Communication Internship (1-9)
Prerequisites: Junior or senior standing, B average or higher in communication courses, and permission from an instructor.
Students find placement in communication-related departments or firms (film studios, television stations, radio stations, newspapers, advertising companies, public relations firms, etc.). Fifteen hours per week for 3 units. A comprehensive final report completes coursework.

C432 Sports Journalism (3)
Prerequisite: C261 or instructor approval.
Students will learn the unique and specific nature of sports journalism—first in the written form, and then also in other forms, including TV broadcast and radio. Students will be exposed to various sports journalism practices, including writing game stories and features, conducting on-camera interviews, and taking pictures.

C441 Poetry Writing (3)
An examination of the various poetry rhymes, meters, and additional tools of the poet. Various poetry patterns are explained and illustrated with the goal of helping students become published.

C442 Computer Visual Effects II (3)
Prerequisite: C394.
This course expands on the skills and concepts from C394. Students will participate in creating visual effects for student film projects and explore other, smaller visual effects projects to test their skills.

C448 Rhetoric of Fantasy Literature (3)
This course will analyze the rhetorical implications presented in popular, contemporary fantasy literature. Students will explore three main themes: (1) the renunciation of power and the results of humility and restraint, (2) the power of choices and their effects on character, and (3) the power of grace, love, and sacrifice.

C452 Editing II, Advanced Copyediting (3)
Prerequisite: C352.
Building off of the principles of C352, this course explores more deeply the nuances of various style guides (Chicago, MLA, Associated Press). Students will learn to edit on levels beyond mechanics and style. New areas of focus will include editing for corporate voice. PR themes will be explored.

C455A Theatrical Technology Workshop I (1)
An overview of biblical production philosophy, technical design, and audio-visual management.

C459 Novel Writing (1-3)
Directed Study only.
Students learn the techniques of novel writing, including plot outlining, character development and arcing, conflict, complication, and resolution. Techniques of dialogue and narration will also be explored.

C462 Creative Writing II (3)
Prerequisite: C351.
This course builds on the skills and principles learned in Creative Writing. Students will explore deeper nuances of writing character, setting, plot, pace, dialogue, and theme. Students will also curate, edit and publish a campus literary magazine/blog of student work.

C466 Entertainment Law (3)
Students will learn about the fundamental elements of entertainment law, including: (a) basics of copyright, trademark, and right of publicity law; (b) how intellectual property rights are transferred and acquired; and, (c) the relationship between the first amendment and media.

C471 Writing for Publication (3)
Prerequisite: C351 and junior standing.
Covers all facets of publication, from the conception of a book project to shaping its purpose and scope and determining its audience. Requirements involve a daily "To Do" list with tips and assignments that will help the student stay focused and on track toward writing at least 40 pages of a book, as well as a fully developed proposal that will be ready to submit to the publisher(s) of the student's choice. It includes practical topics such as reaching acquisition editors, understanding the role of an agent, understanding contracts, working with an editor, and marketing your manuscript. It also explores alternative methods of publication such as print on demand.

C472 Rhetorical Criticism (3)
School of Business & Communication degree(s) prerequisites: C371 or C391.
School of Online degree(s) prerequisite: C371.
CAPSTONE CLASS. Theories and methods of evaluating persuasive communication including public address, contemporary drama, and other categories of written discourse.

C478 Classical to Contemporary Rhetorical Theory (3)
A survey of major theories of rhetoric from the fifth century B.C. to the present.

C481 Argumentation & Debate (3)
Theories of argumentation including the analysis of propositions, issues, evidence, and reasoning. Training and experience in debate forms.

C482 The Graphic Novel (3)
Prerequisite: C351.
This course explores the history and impact of the graphic novel, both as a form of entertainment and social/cultural commentary. Additionally, the course will explore the process of creating a graphic novel and of visual storytelling. Students will participate in the creation of a graphic novel concept.

C484 Organizational Communication (3)
Communicative behavior in organizations. Attention will be given to change, conflict reduction, decision making, leadership, and networks as communication variables.

C485 Detective Fiction Writing (3)
Prerequisite: C351.
Students will be introduced to the major motifs and tropes of the ever-popular genre of Detective Fiction for the specific purpose of learning how to write dynamic, rewarding stories of their own. They will write several short stories and share them with each other throughout the semester, gaining experience in several popular styles, including hardboiled, whodunnit, police procedural, hardboiled, PI-centered, child-detective, as well as hybrid models.

C488 Rhetoric of Religion (3)
Religious advocacy and persuasion. Topics include the strategic use of language and symbolism in religious discourse, forms of religious persuasion, conversion argument and the psychology of the audience, and discussions of the problem of evil.

C492 In-Depth Reporting (3)
Prerequisite: C261.
Students build on the principles learned in C261 in order to dig into the craft of literary nonfiction narrative. Students learn and practice crafting different types of narrative journalism; understand the backbone of narrative; develop and refine interviewing, reporting and research skills; and continue to refine revision and editing skills. The course includes exposure to literary excellence in journalism as students learn the nuances of story shape, structure, and pacing.

C494 Marketing Media Capstone (3)
Prerequisite: junior standing.
Fee: $100
While being exposed to various applications and speakers from a wide range of industries students will be developing a portfolio that could be presented to potential employers. Through reading and discussion students will be developing thoughtful, biblical perspectives as they focus on vocational goals.

C498 Communication Theories (3)
A survey of the basic theories associated with human communication. Provides students with a practical understanding of how the major variables of communication systems interact and how information is processed by individuals.

C499 CWP Senior Capstone (3)
For Creative Writing & Publishing emphasis students only, this course prepares students for the professional arena in their specific field of interest. Students will prepare a professional portfolio showcasing skills and work one-on-one with the professor and industry professionals in the formation of a strategy/marketing plan for bringing their unique talents to the marketplace.

(CH) Chemistry

CH148 Introduction to Chemistry (3)
Prerequisite: instructor approval.
An introductory study of areas of general chemistry, organic chemistry, and biochemistry with a focus on general qualitative chemistry. 3 hours lecture. [OOD]

CH151 General Chemistry I (3)
Prerequisite: CH148 or equivalent. Concurrent with CH151L.
A course covering fundamental chemical principles and theories. Topics include properties and states of matter, development of atomic theory, atomic structure and periodicity, chemical bonding, stoichiometry, inorganic nomenclature, gas laws, and chemical reactions. 3-hour lecture. [FA]

CH151L General Chemistry I Lab (1)
Concurrent with CH151.
Lab fee: $100. Textbook fee: $15.
3-hour laboratory. [FA]

CH152 General Chemistry II (3)
Prerequisite: CH151 or its equivalent with a grade of C or better. Concurrent with CH152L.
A continuation of CH151: Introduction to solution equilibria, electrochemistry, kinetics, chemical thermodynamics, organic chemistry, nuclear chemistry, and environmental chemical applications. 3-hour lecture. [SP]

CH152L General Chemistry II Lab (1)
Prerequisite: CH151 or its equivalent with a grade of C or better. Concurrent with CH152.
Lab fee: $100. Textbook fee: $15.
3-hour laboratory. [SP]

CH153 Chemistry for Engineers (1)
Prerequisite: *CH151.*
Fee: $100.
This course has select General Chemistry II material relevant for Engineers. It is taught using Matlab.

CH162 General Chemistry for Engineering (3)
Condensing General Chemistry I and II, this course covers chemistry concepts that are specifically tailored for Engineers. Topics included are the structure of the atom, thermodynamics, and reaction kinetics. [SP]

CH260 Introduction to general, organic, biochemistry (3)
This course is designed with pre-nursing and other allied-health professions in mind. Students taking this course will have already had one semester of general chemistry so this course will cover additional general chemical principles that will prepare them for learning the basics of organic chemistry. The organic chemistry, in turn, is preparation for delving into and grasping principles of biochemistry. It is in biochemistry that one sees the applications of many of the concepts and principles learned in general and organic chemistry. Biochemistry covers the basic structures of proteins, carbohydrates, lipids and nucleic acids. Discussion will revolve around how and why enzymes work and the necessity of vitamins in enzyme-catalyzed reactions. The course will also cover how cells extract energy from foods eaten and how they use this energy to build, grow, and maintain themselves in a healthy condition. Students will also learn to appreciate various disease states that occur when a vitamin is lacking or an enzyme is defective. [ET]

CH351 Organic Chemistry I (3)
Prerequisite: CH152 or its equivalent with a C or better. Concurrent with CH351L.
Introduction to the chemistry of carbon-containing compounds. Particular emphasis is given to Lewis acid-base theory and structure-reactivity relationships as predictive tools. The chemistry of alkanes, alkenes, alkynes, stereochemistry, substitution and elimination reactions, radicals, alcohols, and ethers is discussed. 3-hour lecture. [FA]

CH351L Organic Chemistry I LAB (1)
Prerequisite: CH152 or its equivalent with a C or better. Concurrent with CH351.
Lab fee: $100. Textbook fee: $15.
3-hour laboratory. [FA]

CH352 Organic Chemistry II (3)
Prerequisite: CH351 or equivalent with a grade of C or better. Concurrent with CH352L.
A continuation of CH351: Conjugated systems, aromatic compounds and their reactions, spectroscopy, synthesis, and reactions of carbonyl compounds, including carboxylic acids, esters, amides, beta-dicarbonyl compounds, phenols, amines, and carbohydrates. The philosophy of organic synthesis and a brief introduction to natural products and biochemistry are included. 3-hour lecture. [SP]

CH352L Organic Chemistry II LAB (1)
Prerequisite: CH351 or equivalent with a grade of C or better. Concurrent with CH352.
Lab fee: $100. Textbook fee: $15.
3-hour laboratory. [SP]

CH461 Biochemistry (3)
Prerequisite: CH352. Concurrent with CH461L.
Investigates proteins (structures and functions), enzymes (kinetics and regulation), biological oxidation-reduction, and thermodynamics of living systems. Particular attention is given to the integration and regulation of intermediary metabolism. In the laboratory, students learn the theory underlying many common biochemical techniques. Students also gain practical, hands-on experience for several of these techniques, such as gel filtration chromatography, ion exchange chromatography, affinity chromatography, thin-layer chromatography techniques in enzyme kinetic assays, determination of the binding specificity of proteins, protein fingerprinting, SDS-PAGE and molecular weight determination, agarose gel electrophoresis, peptide mapping, and Western blotting. 3-hour lecture. [FA]

CH461L Biochemistry Lab (1)
Prerequisite: CH352. Concurrent with CH461.
Lab fee: $100.
3-hour laboratory. [FA]

CLA201 Introduction to the Classical Liberal Arts (3)
This course is designed to introduce the history and development of educational theory and practice in the ancient world and its renewal in recent times. Readings and discussion of sources from Greek, Roman, late Antiquity, Medieval, and Renaissance/Early Modern periods, including Plato, Aristotle, Cassiodorus, Augustine, Aquinas, Alcuin, Ascham, Mulcaster, and Milton. The ancient tradition is shown as recast in the modern era, beginning with the work of Mortimer Adler, Dorothy Sayers, Doug Wilson, and others. This renewal has been in reaction to, and opposed to, the work of the majority of 20th-century educational theory without rejecting all of its observations.

CLA301 Socratic Pedagogy I (3)
The course begins with an historical survey of varying theories of teaching throughout history, culminating in the modernist, materialist, naturalist, and behaviorist models of the late 19th and 20th centuries, which began in Prussia and moving across Europe and the United States. This is contrasted with the ancient method of group dialectic as exemplified by Socrates, which is then considered by deploying a theological critique of Plato's pagan theories of the Eternal Forms, the formation of virtue through knowledge, and the doctrine of recollection in reincarnated souls. The course is built around Paul's description in Romans: quia, quod noscibile est Dei, manifestum est in illis ('For that which may be known of God is made manifest clearly in them'). Students begin the regular practice of leading intensive dialogues instead of simply lecturing, and learn to tell the difference between various ways of teaching and when they are most appropriate, from authoritative biblical preaching to learned lecturing to Socratic dialectical conversation.

CLA308 Classical Christian Education Internship (3)
A structured observation and work experience in a local classical school. Students will see experienced classical educators deploying the classical model in a highly successful example of the classical renewal movement. Opportunities exist to observe leadership, support staff, board leadership, and faculty in their different but interlocking roles, and to gain experience serving in staff and teaching capacities.

CLA309 Colloquium in Classical Christian Education (0)
Regular small group mentoring sessions with the program director. The colloquium is designed to help students integrate all that they are learning across the disciplines into an internally coherent and consistent worldview, work through professional questions, and develop their own intellectual growth plans and teaching personae.

CLA402 Socratic Pedagogy II (3)
Building on the level I course, this advanced practicum offers extensive experience for students in leading dialectical conversation aimed at uncovering Truth, Goodness, and Beauty—as well as how to discern deception, evil, and ugliness.

(CS) Computer Science

CS121P Introduction to Computer Programming (3)
This course introduces students to computer organization, programming, and algorithm development. The course covers data representation, storage, problem solving, and programming techniques and principles using the Python programming language.

CS122J JavaScript Essentials (3)
This course provides a grounding in modern JavaScript (ES6+). Introductory topics include data types, variables and scoping, logic operations, and common function patterns. Intermediate topics include prototypal inheritance, asynchronous events, and module importing/exporting. In addition to using JavaScript in the browser, students will incorporate NodeJS to run powerful routines on the server. Students will also leverage developer tools such as IDEs, linters, testing frameworks, and code repositories.

CS132S Data Structures & Algorithms (3)
Prerequisite: CS121P.
This course continues to develop students' programming abilities, covering algorithmic analysis, internal search and sort methodology, and several commonly used data structures using the Python programming language.

CS202H Computer Hardware (3)
Fee: $100
Presents an introduction to computer hardware concepts, including components, their structures, and their interfaces. Integral to this class is the tight cohesion of theory (lecture) and practice (hands-on labs).

CS208 Topics - Hardware, Computer System Organization (3)
Prerequisite: instructor's consent.
May be repeated for credit if content is different. Topics include printed circuit boards; communication hardware, interfaces, and storage; integrated circuits; very large scale integration design; power and energy; electronic design automation; hardware validation; hardware testing; robustness; emerging technologies; architectures; embedded and cyber-physical systems; real-time systems; dependable and fault-tolerant systems and networks; etc.

CS218 Topics - Networks (3)
Prerequisite: instructor's consent.
May be repeated for credit if content is different. Topics may include network architectures; network protocols; network components; network algorithms; network performance evaluation; network properties; network services; network types; etc.

CS228 Topics - Software, Software Engineering (3)
Prerequisite: instructor's consent.
May be repeated for credit if content is different. Topics may include software organization and properties; software notations and tools; software creation and management; etc.

CS238 Topics - Computation: Theory, Mathematics (3)
Prerequisite: instructor's consent.
May be repeated for credit if content is different. Topics may include models of computation; formal languages and automata theory; computational complexity and cryptography; logic; design and analysis of algorithms; randomness, geometry and discrete structures; theory and algorithms for application domains; semantics and reasoning; discrete mathematics; probability and statistics; mathematical software; information theory; mathematical analysis; continuous mathematics; etc.

CS248 Topics - Information Systems (3)
Prerequisite: instructor's consent.
May be repeated for credit if content is different. Topics may include data management systems; information storage systems; information systems applications; World Wide Web; information retrieval; etc.

CS258 Topics - Security and Privacy (3)
Prerequisite: instructor's consent.
May be repeated for credit if content is different. Topics may include cryptography; formal methods and theory of security; security services; intrusion/anomaly detection and malware mitigation; security in hardware; systems security; network security; database and storage security; software and application security; human and societal aspects of security and privacy; etc.

CS268 Topics - Computing Methodologies (3)
Prerequisite: instructor's consent.
May be repeated for credit if content is different. Topics may include symbolic and algebraic manipulation; parallel computing methodologies; artificial intelligence; machine learning; modeling and simulation; computer graphics; distributed computing methodologies; concurrent computing methodologies; etc.

CS270A Business Software Applications (3)
Fee: $135.
This course focuses on the practical application of commonly used software in business environments, with an emphasis on the Microsoft Office Suite, particularly Excel. Students will gain hands-on experience in key business applications, developing skills to enhance productivity. In addition to software proficiency, the course will introduce supplementary tools designed to prepare students for a more seamless transition to their future careers.

CS278 Topics - Applied Computing (3)
Prerequisite: instructor's consent.
May be repeated for credit if content is different. Topics may include: electric commerce; enterprise computing; physical sciences and engineering; life and medical sciences; law, social, and behavioral sciences; computer forensics; arts and humanities; computers in other domains; operations research; education; document management and text processing; etc.

CS288 Topics - Human-Centered Computing (3)
Prerequisite: instructor's consent.
May be repeated for credit if content is different. Topics may include human-computer interaction; interaction design; collaborative and social computing; ubiquitous and mobile computing; visualization; accessibility; etc.

CS288W Web Design (3)
This course introduces concepts in web design, including HTML (HyperText Markup Language), CSS (Cascading Style Sheets), and web page design.

CS298 Topics - Social and Professional Computing (3)
Prerequisite: instructor's consent.
May be repeated for credit if content is different. Topics may include professional topics; computing/technology policy; user characteristics; etc.

CS301A Computer Organization & Architecture (3)
Prerequisites: CS132S and CS202H.
This course introduces computer hardware organization, design, structure, and relationships. Mechanics of digital computer information storage, transfer, and control are addressed. Also explored are fundamentals of logic design, computer arithmetic, addressing, instruction sets and assembler languages, and memory organization.

CS302C System Programming & C/C++ (3)
Prerequisites: CS321O, CS321X.
This course introduces students to the C and C++ programming languages, with examples from systems programming.

CS311C Cloud Administration (3)
Prerequisites: CS312N and CS342D, or instructor's consent.
Fee: $185
This course covers preparation for CompTIA's Cloud+ examination. Topics include configuration and deployment, security, maintenance, management, and troubleshooting.

CS312N Networking Principles & Architecture (3)
Prerequisites or Corequisites: CS132S and CS202H.
This course introduces computer networks. It includes concepts and methods of computer communications, hardware and software components, configurations, and standard layers of communication protocols.

CS321O Operating Systems (3)
Prerequisites: CS132S and CS202H.
An introductory study of the organization and architecture of computer operating systems. Major principles explored include virtualization, concurrency, and persistence.

CS321P Programming Languages & Theory (3)
Prerequisite: CS132S.
Introduces programming language design and theory. The course covers syntax and semantic analysis, computability and complexity, and language design and models.

CS321X Linux (3)
Prerequisite: CS121P.
Fee: $185
This course focuses upon the Linux command line, and covers learning the bash shell, configuration and the environment, common tasks and essential tools, and writing shell scripts. Students also have the option of preparing for CompTIA's Linux+ examination, which includes topics such as hardware and system configuration, systems operation and maintenance, security, Linux troubleshooting and diagnostics, automation and scripting.

CS322A Algorithms & Complexity (3)
Prerequisites: CS321P, MA122, and MA253, or instructor's consent.
This course focuses more deeply upon the analysis of algorithms and algorithm design techniques, including brute-force, divide/decrease/transform-and-conquer, space and time tradeoffs, dynamic programming, greedy algorithms, backtracking, branch-and-bound, and approximation algorithms. It also includes computational complexity analysis and covers a variety of applications from classic algorithms to games and puzzles.

CS322E Software Engineering (3)
Prerequisite: CS121P.
This course is an introduction to the concepts and practices of software engineering. Topics include software processes, development operations, Agile methodology, requirements engineering, software architecture, project planning, user stories, system design, testing and integration, test-driven development, and software maintenance.

CS322J Java Programming (3)
Prerequisite: instructor's consent.
May be repeated for credit if content is different. Topics may include software organization and properties; software notations and tools; software creation and management; etc.

CS341W Web Application Development (3)
Prerequisites: CS121P, CS122J, and CS342D.
This course teaches web application design and development. Students will learn to develop a web-based application using current internet technologies such as HTML, CSS, JavaScript, and Python. Topics include front- and back-end development, web services, client and server programming, and web design frameworks.

CS342D Database Management Systems (3)
Prerequisite: CS132S.
Fee: $185
Design, implementation, and management of business database systems. Includes data analysis, design, and normalization.

CS348M Introduction to Modeling and Simulation (3)
Prerequisites: MA121.
Fee: $100
This course surveys the application of university mathematics (calculus, linear algebra, differential equations) in the modeling of natural phenomena, engineering systems, and human organization. Emphasis will be on gaining a broad familiarity of the field and developing a practical intuition of different ways to conceptualize systems using mathematical language and the various computational tools that are used to model and evaluate systems.

CS348S Data Science for Scientists and Engineer (3)
Prerequisite: CS121P
This course overviews the programming language tools and statistical concepts that are used to perform data analysis. In addition, students will be familiarized with exploratory data analysis, report generation, and modern toolchains for data analysis. The emphasis of this course will be working on assignments and projects that will allow them to gain hands-on familiarity with the tools for collecting data and performing data analysis.

CS351E Cybersecurity Engineering/Implementation (3)
Prerequisite: CS351S.
This course covers topics in cybersecurity related to the creation and deployment of secure computer systems, with a focus on modern security practices involving zero trust, identity & access management, end-to-end encryption, and secure development life cycles.

CS351M Cybersecurity Management & Operations (3)
Prerequisite: CS351S.
This course covers preparation for CompTIA's Security+ examination. Topics include threat & vulnerability management, secure architecture & design, operations and incident response, and forensics.

CS351S Computer Security I (3)
Prerequisites: CS312N and CS321X, or instructor's consent.
Fee: $185
This course covers preparation for CompTIA's Security+ examination. Topics include threats, attacks, vulnerabilities, technologies and tools, architecture and design, identity and access management, risk management, cryptography, and public key infrastructure.

CS352C Cybersecurity of Cloud Systems (3)
Prerequisites: CS351E and CS351M.
This course covers preparation for the Cloud Security Alliance - Certificate of Cloud Security Knowledge exam. Topics include core tenets of cybersecurity as they relate to cloud computing and cloud-related technologies with a focus on the unique challenges that cloud technologies introduce.

CS352P Cybersecurity Policy & Governance (3)
Prerequisites: CS351E and CS351M.
This course develops a firm understanding of cybersecurity policy, risk, and incident management, with a focus on industry standards, compliance, and current government policies in cybersecurity.

CS361A Artificial Intelligence (3)
Prerequisite: CS132S, CS322E, MA231.
This course introduces artificial intelligence concepts, history, current developments, methods, techniques, and approaches.

CS361M Machine Learning (3)
Prerequisite: CS132S, CS322E, MA231.
This course will introduce students to machine learning with its basic techniques and algorithms. This course covers basic knowledge about data, popular data sources, and some of the most popular algorithms and techniques such as decision trees, neural networks, support vector machines, clustering, and various reinforcement learning algorithms.

CS362N Natural Language Processing (3)
Prerequisite: CS132S, CS322E, MA231.
This course introduces natural language processing concepts, history, current developments, methods, techniques, and approaches.

CS362V Computer Vision (3)
Prerequisite: CS132S, CS322E, MA231.
This course introduces computer vision concepts. Topics may include image formulation, image processing, optimization and learning, deep learning, recognition, feature detection and matching, image alignment and stitching, motion estimation, computational photography, structure from motion, depth estimation, 3D reconstruction, image-based rendering.

CS392M Project Management & Enterprise Software (3)
Prerequisite or Corequisite: CS322E.
Fee: $185
This course covers preparation for CompTIA's Project+ examination. Topics include project properties, roles, responsibilities, phases, cost control, team organizational structures, schedules, Agile methodology, management, project constraints, risk strategies and activities, communication and change management, project tools, and documentation. Includes an overview of enterprise software systems, including ERP and CRM.

CS408 Topics - Hardware, Computer System Organization (3)
Prerequisite: instructor's consent.
May be repeated for credit if content is different. Topics may include printed circuit boards; communication hardware, interfaces, and storage; integrated circuits; very large scale integration design; power and energy; electronic design automation; hardware validation; hardware testing; robustness; emerging technologies; architectures; embedded and cyber-physical systems; real-time systems; dependable and fault-tolerant systems and networks; etc.

CS408R Robotics (3)

CS418 Topics - Networks (3)
Prerequisite: instructor's consent.
May be repeated for credit if content is different. Topics may include network architectures; network protocols; network components; network algorithms; network performance evaluation; network properties; network services; network types; etc.

CS438 Topics – Computation: Theory, Mathematics (3)
Prerequisite: instructor's consent.
May be repeated for credit if content is different. Topics may include models of computation; formal languages and automata theory; computational complexity and cryptography; logic; design and analysis of algorithms; randomness, geometry and discrete structures; theory and algorithms for application domains; semantics and reasoning; discrete mathematics; probability and statistics; mathematical software; information theory; mathematical analysis; continuous mathematics; etc.

CS438Q Quantum Computation (3)

CS448 Topics - Information Systems (3)
Prerequisite: instructor's consent.
May be repeated for credit if content is different. Topics may include data management systems; information storage systems; information systems applications; World Wide Web; information retrieval; etc.

CS448D Data Science (3)

CS458 Topics - Security and Privacy (3)
Prerequisite: instructor's consent.
May be repeated for credit if content is different. Topics may include cryptography; formal methods and theory of security; security services; intrusion/anomaly detection and malware mitigation; security in hardware; systems security; network security; database and storage security; software and application security; human and societal aspects of security and privacy; etc.

CS458A Cybersecurity Analyst (CySA+) (3)
CS458P Penetration Testing (PenTest+) (3)
CS458S CompTIA Advanced Security Practitioner (3)

CS468 Topics - Computing Methodologies (3)
Prerequisite: instructor's consent.
May be repeated for credit if content is different. Topics may include symbolic and algebraic manipulation; parallel computing methodologies; artificial intelligence; machine learning; modeling and simulation; computer graphics; distributed computing methodologies; concurrent computing methodologies; etc.

CS468G Computer Graphics (3)
CS468P Parallel Computing (3)

CS478 Topics - Applied Computing (3)
Prerequisite: instructor's consent.
May be repeated for credit if content is different. Topics may include electric commerce; enterprise computing; physical sciences and engineering; life and medical sciences; law, social, and behavioral sciences; computer forensics; arts and humanities; computers in other domains; operations research; education; document management and text processing; etc.

CS478B Bioinformatics (3)

CS488 Topics - Human-Centered Computing (3)
Prerequisite: instructor's consent.
May be repeated for credit if content is different. Topics may include human-computer interaction; interaction design; collaborative and social computing; ubiquitous and mobile computing; visualization; accessibility; etc.

CS488G Game Programming (3)
CS488M Mobile Application Development (3)
CS488V Visualization (3)

CS490I Internship (2)
Prerequisites: junior or senior standing and instructor's consent.
Provides an applied CS-related learning experience in a supervised work environment.

CS492S Senior Seminar (3)
Prerequisite: senior standing.
This senior seminar course is designed to integrate the field of Computer Science into a biblical worldview, including the ethical issues relating to the field. It also provides students the opportunity to demonstrate their proficiency and knowledge through a set of research and writing assignments and a standardized Major Field Test.

CS498 Topics - Social and Professional Computing (3)
Prerequisite: instructor's consent.
May be repeated for credit if content is different. Topics may include professional topics; computing/technology policy; user characteristics; etc.

CS498E Ethics in Computer Science (3)

(E) English

E110 English Composition (3)
Instruction and supervised practice in the techniques of effective written expression, with emphasis on analytical reading and writing of expository prose. Includes one or more researched and documented essays.

E120 Introduction to Literature (3)
G.E.: May fulfill the Literature Elective; does not fulfill the Literature Survey.
An introduction to literary forms: short story, novel, poetry, and drama. This course intends to foster an appreciation for the range of literature and to instruct students in close reading and analysis. Provides further instruction in expository writing through personal response to an analysis of the literature.

E200 Great Works of Literature Survey (3)
G.E.: May fulfill the Literature Elective or Literature Survey.
An historical survey of the emergence of literary forms of poetry, drama, and fiction, short and extended, through notable writers.

E211 English Literature I (3)
G.E.: May fulfill the Literature Survey.
A chronological survey of the development of English literature, with emphasis on the major writers; some attention to the parallel developments in history, language, religion, and culture. This course covers the Anglo-Saxon period through the Neoclassical period.

E212 English Literature II (3)
G.E.: May fulfill the Literature Survey.
A chronological survey of the development of English literature, with emphasis on the major writers; some attention to the parallel developments in history, language, religion, and culture. This course covers the period through contemporary period.

E221 World Literature I (3)
G.E.: May fulfill the Literature Survey.
A chronological and geo-politico-religious survey of the major literary works that contributed to the shaping of world history. This course examines selected literary works from three major regions from antiquity to the present: the Greco-Roman world and Europe, the Middle Eastern world and India, and the Far East (China and Japan). This course covers the antiquity to the Renaissance.

E222 World Literature II (3)
G.E.: May fulfill the Literature Survey.
A chronological and geo-politico-religious survey of the major literary works that contributed to the shaping of world history. This course examines selected literary works from three major regions from antiquity to the present: the Greco-Roman world and Europe, the Middle Eastern world and India, and the Far East (China and Japan). This course covers the Renaissance to the present.

E231 American Literature I (3)
G.E.: May fulfill the Literature Survey.
A survey of the writings of famous American authors, this course emphasizes those who help students to understand the American heritage and the influences combining to shape American literature. This course covers 1607-1860, Puritans through Whitman and Dickinson.

E232 American Literature II (3)
G.E.: May fulfill the Literature Survey.
A survey of the writings of famous American authors, this course emphasizes those who help students to understand the American heritage and the influences combining to shape American literature. This course covers 1860-1960, Twain through selected contemporary writers.

E299 Studies in Classic Film (3)
G.E.: May fulfill the Literature Elective.
An introduction to film history, technique, and theory, with an emphasis on genre conventions. Students will study approximately 12 feature-length and several shorter films, with particular attention to how the technical and artistic elements such as cinematography, plot, and direction control meaning and worldview. The focus of the course is on developing a biblical-critical-analytical approach to film viewing, resulting in discernment of the philosophical foundations of individual works.

E299c Studies in Anime (3)
G.E.: May fulfill the Literature Elective.
An intensive study of anime (i.e., an indigenous form of the graphically based motion picture from Japan, which has become internationally popular within the last two decades). This course examines this unique form of media with a special focus on the underlying thoughts/philosophies/worldviews to help the students develop media literacy and biblical discernment. Some of the topics covered include the following: Naruto: a study of epic heroism and the social bond; Ghost in the Shell, Innocence: an apocalyptic techno-dystopia and the ontology of the soul; Princess Mononoke: the Sophistic nature/culture debate incarnated in Japan; One-Punch Man: a postmodern pastiche and a banal (Nietzschean) Overman. This course is recommended for those that are interested in film and media study, biblical cultural criticism, and the Japanese language and culture in general (and those that just love anime!).

E313 Age of Romanticism (3)
G.E.: May fulfill the Literature Elective.
A study of the poetry and prose of the major writers of the English Romantic Movement (1785-1830) with a view to understand their lives, work, and literary importance. Selected minor writers and one novel are also included.

E314 Victorian Age (3)
G.E.: May fulfill the Literature Elective.
A study of major poets and prose writers of England's Victorian period (1830-1901). Emphasizes those writers whose work both created and responded to crucial issues during this transitional era. Several minor authors and at least three Victorian novels are included.

E315 Neoclassicism: Restoration and Eighteenth-Century British Literature (3)
G.E.: May fulfill the Literature Elective.
Between the end of the Milton era in the 1660s and the appearance of the Romantic writers in the 1780s lies a rich period of literature, philosophy, music, and art. Known by several names—the Age of Reason, the Neoclassical Era, the Age of Elegance, the Enlightenment—this time period reflects the shift from the biblio-centric worldview to the philosophical acceptance of the rationalistic worldview. This course seeks to study the literature of Britain from the time of the Restoration of 1660 through the latter part of the eighteenth century. Writers included are John Dryden, Aphra Behn, John Bunyan, Samuel Pepys, Daniel Defoe, Lady Montagu, Jonathan Swift, Alexander Pope, Joseph Addison, Richard Steele, and Samuel Johnson.

E322 Children's Literature (3)
School of Education course.
Prerequisites: ED202 or ED301 and junior standing.
G.E.: May fulfill the Literature Elective for Liberal Studies: Elementary Education and Liberal Studies: Special Education.
This course is a survey of various types of literature for children with attention given to major genres, authors and illustrators. Books must be read and evaluated using literary standards. Specific issues relevant to the field are examined in class sessions which demonstrate the ability to bring children and books together. Enrollment limited to Liberal Studies: Elementary Education majors, unless approved by instructor. [FA]

E330 Advanced Composition (3)
G.E.: Does not fulfill the Literature Elective.
An advanced writing course emphasizing theory and praxis of composition. Special attention given to the five canons of Classical Rhetoric (i.e. invention, arrangement, style, memory, and delivery) to develop conceptual depth in content and to broaden and refine stylistic and organizational repertoire in expression. Involves extensive practice in writing (rewriting) and oral presentation of the work.

E333 Drama as Literature (3)
G.E.: May fulfill the Literature Elective.
A study of selected works of Western playwrights from ancient to modern. Concurrently, this genre course explores the history, nature, and types of drama, especially the tragic and comic traditions, as well as the rise of new forms.

E334 The Short Story (3)
G.E.: May fulfill the Literature Elective.
A study of short fiction from masters of the short story genre. Explores the fictional elements, techniques, themes, and interpretation of representative works from classic and contemporary authors. Includes attention to the historical development of the genre.

E335 The English Novel (3)
G.E.: May fulfill the Literature Elective.
A historical study of the development of the English novel. Emphasis on the critical reading and writing through a study of selected novels from the 18th century to the present.

E336 Poetry & Poetics (3)
G.E.: May fulfill the Literature Elective.
A study of metrical and stanzaic conventions of poetry. Emphasis on close reading of a wide range of representative poems from an anthology.

E346 International Writers: Russians (3)
G.E.: May fulfill the Literature Elective.
Russian literature has been noted for probing the depths of the human soul in its attempt to understand the place of mankind in the universe and in relation to God. Two writers, Fyodor Dostoevsky and Anton Chekhov, represent the golden age of Russian literature, a period in the 19th century when Russian writers are said to have equaled the achievements of Western Europe. Dostoevsky represents the high point while Chekhov writes in the sunset of the time. This course will look at the decline of the Tsarist Russian and the beginnings of Marxist Leninism.

E348 Genre Studies: Detective Fiction (3)
G.E.: May fulfill the Literature Elective.
This course addresses the concept of detective/mystery fiction. Because of the popularity of this genre and the increasing attention to serious scholarship, the study will work through the history of its development from the seminal work by Poe to contemporary authors in various historical and cultural settings. In addition to Poe, writers are selected from among Sir Arthur Conan Doyle, Agatha Christie, Dorothy L. Sayers, Dashiell Hammett, Raymond Chandler, Ellis Peters, P. D. James, and others of students' choices. The course attempts to answer questions such as, "What is the appeal of detective fiction?" and "What vision of human nature and society emerges from the detective genre?" Other issues involve questions about meaning, knowledge, law, justice, gender, society, and morality.

E353 Modern English Grammar (3)
Same as ESL303.
G.E.: Does not fulfill the Literature Elective.
A detailed structural examination of Modern English at the level of the clause, sentence, and discourse. Explores the concept and vocabulary behind traditional grammar as well as contemporary linguistic theories. Involves extensive practice in text analysis. Strongly recommended for all students seeking to qualify for the California Single Subject Teaching Credential in English.

E364 History of the English Language (3)
G.E.: Does not fulfill the Literature Elective.
A systematic survey of the major periods in the development of the English language: Old English, Middle English, Early Modern English, and Modern English. Provides deeper understanding of the nature of language and language change. Incorporates discussion of contemporary linguistic (and sociolinguistic) theories.

E374 Studies in Jane Austen (3)
G.E.: May fulfill the Literature Elective.
Juniors and Seniors only.
Reading and analysis of the major Austen canon (seven novels), focusing on the context of Austen's life and times, modes of reading, thematic implications, and issues raised by Austen criticism. Some attention to film adaptations of her fiction.

E404 Studies in John Calvin (3)
G.E.: May fulfill the Literature Elective.
Same as BCH404 & H404.
This is a study of the life and work of the great magisterial Reformer. The approach will be that of an "intellectual history" course, featuring biographical, literary, theological, and philosophic content concerning the man and his times. Specific attention is paid to Calvin's status as a master 16th century literary Humanist who guided the systematic intellectual development of Reformation thought. [ESP]

E405 Shakespeare (3)
G.E.: May fulfill the Literature Elective.
Intensive reading of ten of Shakespeare's 37 plays and viewing a film version of an eleventh; additional extensive readings from the Sonnets. Short lectures and discussions on a wide range of topics throughout the semester explore the cultural background of Elizabethan England. Two-thirds of class sessions revolve around student group performance. Substantial term paper project also required.

E406 Milton (3)
G.E.: May fulfill the Literature Elective.
Reading of John Milton's major poetry and much of the prose. Includes substantial amount of contextual reading in Calvin, Luther, Erasmus, Arminius, Augustine, Pelagius, Origen, and other theological and non-theological writers from the ancient to the early modern world. Additional attention to the scriptural passages that Milton used as catalysts for his own writing.

E409 Studies in Martin Luther (3)
G.E.: May fulfill the Literature Elective. For English Majors.
Same as BCH409.
A study of the life and thought of Martin Luther, the Augustinian friar and professor of theology who whipped himself mercilessly over his sins, discovered the gospel, challenged the Roman church, translated the Bible into German, invented congregational hymn-singing, married a nun, changed Europe and the world, and died excommunicated as "that wild boar loose in the Lord's vineyard.

E415 Contemporary Literature (3)
G.E.: May fulfill the Literature Elective.
An intensive study of selected contemporary literary works from around the world. This course examines the current international trends in literature, with special attention given to the body of literature loosely labeled "postmodern." Students will become familiar with its concept, content, and style; they also will develop, from a biblical perspective, a critical ability to respond to its cognitive and aesthetic challenges.

E416 Modern British Writers (3)
G.E.: May fulfill the Literature Elective.
A study of British fiction, drama, poetry, and prose from 1910 to the 1940s. Authors are selected from among the following: Thomas Hardy, Joseph Conrad, James Joyce, the War Poets, E. M. Forster, W. B. Yeats, George Eliot, Virginia Woolf, George Orwell, D. H. Lawrence, Aldous Huxley, Katherine Mansfield, Graham Greene, W. H. Auden, and C. S. Lewis. Reading of whole works, together with identification and discussion of techniques, subject matters, themes, historical influences, and crux issues.

E425 Twentieth Century American Writers (3)
G.E.: May fulfill the Literature Elective.
English majors selecting E425 may waive E232 and select an additional elective.
An in-depth study of influential twentieth century American novelists, short story writers, poets, and playwrights. Students will read whole works or a body of work by authors selected from among the following: Saul Bellow, Michael Bishop, Raymond Carver, Countee Cullen, E. E. Cummings, John Dos Passos, Ralph Ellison, T. S. Eliot, William Faulkner, F. Scott Fitzgerald, Robert Frost, Allen Ginsberg, Ernest Hemingway, Zora Neale Hurston, Jack Kerouac, Maxine Hong Kingston, David Mamet, Cormac McCarthy, Arthur Miller, Toni Morrison, Flannery O'Connor, Eugene O'Neill, Sylvia Plath, Katherine Anne Porter, John Steinbeck, Amy Tan, John Updike, Kurt Vonnegut, Alice Walker, Eudora Welty, John Edward Williams, and Thomas Wolfe. Includes contextual readings to help identify and engage with significant historical and cultural trends and events.

E435 Literary Criticism & Critical Theory (3)
G.E.: Does not fulfill the Literature Elective.
An introduction to literary criticism and theoretical/conceptual systems from the Pre-Socratics and Plato to modern and emerging postmodern thinking. Readings in primary texts, with emphasis on developing a biblical-critical theory for approaching literature, philosophy, art, culture, and theory itself. This basic theoretical model will derive from the scriptural record regarding human wisdom and knowledge.

E436 Contemporary Critical Theory (3)
G.E.: Does not fulfill the Literature Elective.
An examination of the main trends in the development of critical and cultural theories since the New Criticism, focusing on (French) post-structuralism, (German) hermeneutics, and (American) pragmatism, as well as (post-Marxism, Lacanian, and post-Lacanian) psychoanalysis. This course also looks at some major outgrowths of these approaches, namely, contemporary feminism, deconstruction, and (so-called) postmodernism.

E453 Psychoanalytic Criticism (3)
G.E.: May fulfill the Literature Elective.
An in-depth investigation and critique of the theory and praxis of psychoanalysis as it is applied to the study of literature and culture. Introduces students to the terminology and the concept of Freudian and Lacanian psychoanalysis (and biblically and critically examines their origin and development) and applications to the field of literary and cultural criticism (as well as to aesthetics and gender theory). Recommended for advanced English majors seeking to pursue graduate education (or others who seek graduate education in various disciplines within the humanities).

E479 Renaissance Cultural History (3)
G.E.: May fulfill the Literature Elective.
An interdisciplinary close study of a variety of cultural artifacts from Northern Italian (and broader European) culture from 1340-1650, with a focus on the Florentine and Venetian intellectual and artistic experience of the Early Modern era. Selected texts in literature, history, philosophy, and theology will be examined alongside the painting, sculpture, architecture, and varied 'material culture' artifacts of the period. Why did rich, literate Italians build gracious country villas in Tuscany, when the city of Florence was where the action was? Why did successful businessmen and political leaders collect cabinets full of rare antiquities and natural oddities? Why did the Venetian printer Aldo Manuzio create portable, hand-sized copies of Cicero, Plato, and Plutarch? The shifts from tyrannical local monarchies to urbane, elitist, capitalist Republics and the change from manuscript books to mechanical printing were only the beginning: From the poetry of Petrarch to the invention of the mirror and accurate artistic linear perspective, from Florentine Christian Humanist Platonism to Machiavelli's theories of 'realpolitik', and from Galileo's simple telescope to Englishman Francis Bacon's invention of inductive rationalism or the 'scientific method', the Northern Italian Renaissance is recognized as the birthplace of modern thought. It is the source of the entire post-antiquity conception of what it means to be human. The wide variety of cultural artifacts we consider will be studied through the interpretive lense of biblical theology to help us understand this very question--what does it mean to be human-- 'quid est homo?'--more deeply.

E489 Directed Studies in Literature (1-3)
G.E.: May fulfill the Literature Elective.
Prerequisite: open to English majors only with permission of the department chairperson.
Intensive study of a selected topic in literature under direction of a member of the English faculty.

E491A Senior Thesis (2)
E491B Senior Capstone Portfolio (1)
G.E.: Does not fulfill the Literature Elective.
E491A is taken before E491B.
During the last two semesters before graduation, all English majors prepare an extensive research paper on a complex literary topic, question, or issue. Each student also compiles an academic portfolio of four papers representative of their scholarship and prepares an oral presentation of their senior thesis. After the student's nationally-normed Area Concentration Achievement Test in Literature in English (ACAT) score is available, it is included in the portfolio.

E499 Seminar in Literature (3)
G.E.: May fulfill the Literature Elective.
Selected writer, group of writers, or area of study. May be repeated for credit when topics vary.
E499E Classical Christian Humanism (3)
E499G Feminist Criticism and Gender Theory (3)
E499H Rhetoric of Technology (3)
E499J Existentialism (3)
E499L Postmodernism (3)
E499M The Epic Tradition (3)
E499P Women Writers (3)
E499R Gothic: The Art of Fear (3)

(ECE) Electrical and Computer Engineering

ECE101 Introductory Design Project (1)
This course introduces design elements to freshman through the completion of a project. The students will work in a team, get hands-on experience, and compete to meet design goals/standards in accordance with course material of other freshman level courses.

ECE112 Theology of Technology (2)
Prerequisites: None. Corequisites: None.
Theology of technology discusses technology from the biblical worldview, including topics such as the purpose, limits, guidelines, and etc. of technology. Also Included are discussions on doctrines including creation, image of God, Trinity, and etc.

ECE202 Electromagnetics (3)
Same as PS252.
Prerequisites: MA121, PS251. Corequisites: ECE202L.
An introduction to the relationship between electricity and magnetism, their laws and primary applications.

ECE202L Electromagnetics Lab (1)
Prerequisites: None. Corequisites: ECE202.
Practical, hands-on experience with the topics covered in ECE302 including a project with various forms of verbal communication.

ECE301 Semiconductor Physics (2)
Prerequisite: MA122, ECE202. Corequisite: MA282.
Designed to bridge the fundamentals of semiconductors with applications. The course is broken down into [1] quantitative assessment of fundamentals of semiconductors: band-gaps and carriers; and [2] a qualitative breakdown of semiconductor applications in microelectronics: *pn* junction diodes and field-effect devices. MATLAB is used to solve problems.

ECE311 Analog Circuits (3)
Prerequisite: MA122. Corequisite: ECE311L.
Basic circuit analysis using Ohm's Laws, Kirchoff's Laws; independent and dependent sources; Thevenin and Norton source transformations; transient, sinusoidal, and complex frequency responses in RC, RL, and RLC circuits; phasor analysis and Laplace transforms. Students use LTSpice circuit simulation and MATLAB.

ECE311L Analog Circuits Lab (1)
Prerequisites: None. Corequisite: ECE311.
Practical, hands-on experience with topics covered in ECE311. Students assemble prototype RC, RL, RLC circuits, learn to use laboratory equipment such as meters, power supplies, function generators, oscilloscopes, and spectrum analyzers. Students evaluate and learn to recognize ideal and non-ideal components. For some assignments, students will implement their own designs.

ECE312 Microelectronics (3)
Prerequisite: ECE311. Corequisite: ECE312L.
Advanced analog circuit analysis and design, including diodes, transistors, op amps, feedback, oscillators, and active filters.

ECE312L Microelectronics Lab (2)
Prerequisites: None. Corequisite: ECE312.
Practical, hands-on experience with topics covered in ECE312.

ECE321 Digital System Design (3)
Prerequisite or corequisite: ECE311. Corequisite: ECE321L.
Fundamentals of digital system design; topics are covered at the electrical level (i.e., transistors, voltage levels, propagation delays, setup and hold times, signal debouncing, etc.), at the logic level (i.e., combinational and sequential logic, logic gates, truth tables, Boolean algebra, Karnaugh maps, multiplexers, encoders, latches, flipflops, registers, counters, finite state machines, etc.), and at the operational level (see ECE321L).

ECE321L Digital Design Lab (1)
Prerequisites: None. Corequisite: ECE321.
Practical, hands-on operational experience with transistors, 74HC series logic gates, and FPGAs. The Digilent Basys3 with its Xilinx FPGA is used and programmed with Verilog in the Vivado Integrated Design Environment. Designs are also simulated in Vivado.

ECE322 Signals and Systems (3)
Prerequisite: ECE311. Corequisites: None.
Introduction to the theory of electrical and electronic signals and systems. Continuous-time linear systems and signals, mathematical representations, Fourier and Laplace transforms, convolution, input and output responses, stability, and computational tools.

ECE401 Digital Signal Processing (3)
Prerequisites: ECE312, ECE321 and ECE322. Corequisites: ECE401L (and ECE401E if Computer Engineering Major).
Fundamentals of DSP, including the Sampling Theorem, discrete-time Fourier analysis, power spectrum, fast Fourier transform (FFT), Z-Transform, and digital filter design and implementation.

ECE401E DSP Extension (1)
Prerequisites: None. Corequisite: ECE401.
Additional practical, hands-on experience with topics covered in ECE401, emphasizing computer-based signal processing. This course is required for computer engineering majors. It is optional but recommended for electrical engineering majors.

ECE401L Digital Signal Processing Lab (1)
Prerequisites: None. Corequisite: ECE401.
Practical, hands-on experience with topics covered in ECE401, emphasizing computer-based signal processing.

ECE412 Power Systems (3)
Prerequisite: ECE312. Corequisites: None.
Theory and operation of switch mode power supply categories, both isolated (such as forward and flyback convertors) and non-isolated (such as buck and boost). Use of inductors, transformers, capacitors and diodes in power electronics operation. Feedback theory, continuous and discontinuous conduction modes.

ECE490 Internship (3)
Prerequisite: Instructor's consent.
Internship experience can be awarded credits based on factors such as the number of hours worked, the relevancy of the job description, and completion of reports and presentations.

ECE492A Senior Design Project A (1)
Prerequisite: Senior Standing.
This senior design course is designed to integrate the field of mechanical engineering into a biblical worldview, including the ethical issues relating to the field, and provide students the opportunity to demonstrate their accumulated knowledge by designing, testing, and documenting a real system.

ECE492B Senior Design Project B (2)
Prerequisite: Senior Standing.
This senior design course is designed to integrate the field of mechanical engineering into a biblical worldview, including the ethical issues relating to the field, and provide students the opportunity to demonstrate their accumulated knowledge by designing, testing, and documenting a real system.

(ECN) Economics

ECN200 Essentials of Economics & Society (3)
An introduction to macroeconomic principles and terminology. The primary focus is on the aggregate U.S. economy and the policy decisions that state and federal lawmakers face. Topics include a review of the economic problem, measuring GNP, money and banking, interest rates, monetary and fiscal policy, inflation, and unemployment. A basic knowledge of mathematics and graphs is assumed. [ET]

ECN210 Microeconomics (3)
An introduction to microeconomic principles and terminology. The primary focus is on households and firms and the decisions they face. Topics include review of the economic problem, mechanics of supply and demand, elasticities, consumer utility, production costs, and the competitive environment. A basic knowledge of mathematics and graphs is assumed. [ET]

ED101 Introduction to Teaching and Learning (3)
This course will link the content of University general education courses to Liberal Studies and the California State teaching competencies. You will learn about different learning styles, how to create good habits, and develop an understanding of the current issues that are in today's classrooms. Observation in local public-school classrooms for 5 hours is required. [FA]

ED202 Curriculum Instruction & Learning Theory (3)
In this course, students will learn about best practices in teaching and learning. There will be an emphasis on learning theories as they apply to the use of curriculum and the designing of instruction. Students will be introduced to Culturally Responsive Teaching for the diverse populations in today's classrooms. Students will explore current issues facing students and teachers. Students will learn how to create an effective lesson plan. Observation and (as allowed) participation in a local public-school classroom for 10 hours is required. This course serves as a prerequisite for other Education courses. [SP]

ED211 Introduction to Special Education (3)
This is an introductory course to the field of special education. Students will be introduced to disabilities as identified by federal statute, the history of special education in schools, and issues and legislation related to special education. In addition, students will explore Individualized Education Plans (IEP) and Section 504 plans. Topics such as behavior support and instructional strategies will be introduced. 10 hours of observation in a special education setting are required.

ED301 Cultural & Linguistic Diversity in Teaching (3)
This course introduces students to issues relating to cultural and linguistic diversity in today's schools that affect teaching and learning. Students will build on their knowledge base of diverse students in today's classrooms and develop skills in Culturally Responsive Teaching. Observation and (as allowed) participation in a local public-school classroom for 10 hours is required. [FA]

ED312 Language Development Disorders (3)
This course provides educators with an overview of speech and language disorders. Participants will examine language acquisition, language development, and the influence of language and communication disorders on children's literacy learning. In addition, participants will explore various hearing, speech, and language disorders as well as appropriate instructional strategies, accommodations, and assessment methods for students. Professionals, resources, and organizations that provide support for students and caregivers, and the use of augmentative and alternative communication will also be explored. 10 hours of observation in a special education setting are required.

ED332 Exploring Disabilities & Special Needs through Literature (3)
Prerequisite: LSTE majors preferred.
Students in this course will examine current education issues regarding special education and students with intellectual, emotional, academic, or physical disabilities through reading and responding to literature. The required texts will introduce strategies currently used in today's classroom that help teachers increase student comprehension and critical thinking. Students in the course will read and evaluate novels using literary standards and the characteristics of the disability. Specific issues relevant to the field will be examined in class sessions, including the ability to build empathy for children with disabilities, working with special education students in a regular classroom, differentiating instruction and curriculum to meet students' unique needs, and strategies to help build empathy among students. [SP]

ED400 Foundations of Education (3)
Prerequisite: senior standing.
This prerequisite professional education course is designed to introduce the prospective teacher candidate to foundational principles relevant to contemporary education. The course helps the prospective teacher candidate develop knowledge and skills related to teaching-learning processes, including effective practices for teaching students of differing gender, ethnicity, culture and socio-economic status. This includes differentiation for English Language Learners and students with special needs. Observation and (as allowed) participation in a local public-school classroom for 10 hours is required. [ET]

ED402 LS Capstone Seminar (3)
This course is a capstone course, normally taken in the final semester of the student's program (senior year). The course enables students to integrate and synthesize the content and skills learned in various major courses and reflect on their growth and learning. Students will complete the summative assessment projects required for graduation. [ET]

ED410 Technology Uses in Education (3)
Prerequisite: ED202 or ED301.
Course fee: $20.
This course provides an in-depth, hands-on study of how current technologies are used in the elementary and secondary classroom. The course is designed to help students better understand the changing definition of literacy, especially in the area of digital literacies. The course will cover a number of relevant topics on the technology uses in education including, but not limited to: building an online presence, understanding search/research tools, and using numerous apps and resources to aid student learning. This course satisfies the state technology preliminary credential requirement. [ET]

ED441 Assistive Technology (3)
The course is an introduction to the use of assistive technology devices and services in the classroom. It will emphasize the integration of assistive technology into the curriculum and will demonstrate how assistive technology can be used to enhance the educational outcomes of students with disabilities.

ED499 Special Topics in Education (1-3)
Prerequisite: Instructor's approval.
This course addresses specific topics of interest in education.

(ED) Education - Graduate Level

ED500 Practicum (3)
Credential Program.
Corequisite: must be taken concurrently with all Fall Semester courses in the Single Subject or Multiple Subject program.
Course fee: $150.
A professional education course that requires classroom experience in all content areas of the public school curriculum. Weekly seminars address teaching strategies and unit planning. Training for CalTPA tasks and the completion of "Subject Specific Pedagogy" and "Designing Instruction" are part of the course. [FA]

ED505 History & Philosophy of Education (3)
Master of Education in Teaching Program.
This course provides a critical examination of major philosophies of education. Students will also examine the philosophy's relationship to historical and current school structure and teaching practice in the United States. Students will develop a personal philosophy of education, grounded in scriptural principles and theoretical knowledge.

ED510 Teaching Reading/Language Arts in Elementary School (3)
Credential Program.
Corequisites: must be taken concurrently with all Fall Semester courses in the Multiple Subject program.
A professional education course designed to enable prospective teachers to develop an initial theory of integrated reading and language arts. Emphasis is placed on principles, strategies, and materials compatible with children's developmental levels and California content standards. Addresses unique needs and instruction of diverse populations, including English learners. Approved course for preparing students for the Reading Instruction Competence Assessment (RICA). [FA]

ED520 Teaching Reading in the Secondary School (3)
Credential Program.
Corequisites: must be taken concurrently with all Fall Semester courses in the Single Subject program.
A professional course designed to expose prospective teachers to effective ways of teaching reading to learn in secondary content classes. Attention is given to selection and use of textbooks, teaching writing patterns and comprehension strategies appropriate to various content areas, informal assessment of students, and ways of adapting assignments to varying reading levels. Classroom fieldwork and observation in reading are required. [FA]

ED530A Teaching Strategies for Elementary Math (2)
Credential Program.
Corequisites: must be taken concurrently with all Fall Semester courses in the Multiple Subject program.
Course fee: $30.
A professional education course dealing with strategies for teaching elementary mathematics with the guidelines set in the respective California State Standards (Common Core) for K-12 public schools, including working with English learners and students with special needs. [FA]

ED530B Teaching Strategies for Elementary Social Studies, Visual & Performing Arts, Physical Education, Science, & Health (3)
Credential Program.
Corequisites: must be taken concurrently with all Fall Semester courses in the Multiple Subject program.
Course fee: $20.
A professional education course dealing with strategies for teaching elementary, social studies, visual and performing arts, physical education, science, and health with the guidelines set in the respective California State Standards (Common Core) for K-12 public schools, including working with English learners and students with special needs. [FA]

ED532 Learning Theory (3)
Master of Education in Teaching Program.
This course provides a critical examination of various theories of learning. Course topics will include main principles of both historical and contemporary models of cognitive processing, constructivism, experiential learning, and learning styles. Students will explore implications for teachers and students, relating theory to their own teaching practice.

ED534 Essentials of Curriculum Structure (3)
Master of Education in Teaching Program.
This course provides students with an overview of the structure and design of school curriculum, including historical and contemporary factors that influence it. Students will learn how to create, evaluate, and develop curriculum, with an emphasis on standards-based, learning-centered instruction. Various curriculum models and theories will be examined, and students will apply theoretical learning to their current teaching practice.

ED536 Assessment of Learning (3)
Master of Education in Teaching Program.
This course examines various theories about and types of student assessment. Topics include formal and informal assessment, formative and summative assessment, test construction, rubrics, and authentic assessment. Students will apply theory to their teaching practice, using appropriate strategies to design, implement, and evaluate assessments effectively to enhance learning.

ED540A Teaching Strategies in the Secondary School – Mathematics (5)
Credential Program.
Corequisite: must be taken concurrently with all Fall Semester courses in the Single Subject teaching credential program.
A professional education course dealing with strategies for teaching mathematics in the secondary school using the guidelines set in the respective California State Standards (Common Core) for K-12 public schools, including working with English learners and students with special needs. The course is constructed to meet California Commission on Teacher Credentialing program standards for preparation for teaching mathematics, including instruction in how to help students solve real-world problems using mathematical reasoning and concrete, verbal, symbolic, and graphic representations; to understand mathematics as a logical system that includes definitions, axioms, and theorems; and to understand and use mathematical notation and advanced symbols. At least one hundred eighty (180) hours, including those in ED520, ED550, and ED560, of mathematics classroom observations and fieldwork required. [FA]

ED540B Teaching Strategies in the Secondary School – Science (5)
Credential Program.
Corequisite: must be taken concurrently with all Fall Semester courses in the Single Subject program.
A professional education course dealing with strategies for teaching science in the secondary school using the guidelines set in the respective California State Standards (Common Core and NextGen) for K-12 public schools, including working with English learners and students with special needs. The course is constructed to meet California Commission on Teacher Credentialing program standards for preparation for teaching science, including instruction in how to include explanations, demonstrations, and class activities that serve to illustrate science concepts, principles, scientific investigation, and experimentation; and how to guide, monitor, and encourage students during investigations and experiments. At least one hundred eighty (180) hours, including those in ED520, ED550, and ED560, of science classroom observations and fieldwork required. [FA]

ED540C Teaching Strategies in the Secondary School – History/Social Science (5)
Credential Program.
Corequisite: must be taken concurrently with all Fall Semester courses in the Single Subject program.
A professional education course dealing with strategies for teaching history/social science in the secondary school using the guidelines set in the respective California State Standards (Common Core) for K-12 public schools, including working with English learners and students with special needs. The course is constructed to meet California Commission on Teacher Credentialing program standards for preparation for teaching history and social science, including instruction in how to connect essential facts and information to broad themes, concepts, and principles; how to connect history/social science content to current or future issues; how cultural perspectives inform and influence understandings of history; and how to select and use age-appropriate primary and secondary documents and artifacts to help students understand a historical period, event, region, or culture. At least one hundred eighty (180) hours, including those in ED520, ED550, and ED560, of history/social science classroom observations and fieldwork required. [FA]

ED540D Teaching Strategies in the Secondary School – English (5)
Credential Program.
Corequisite: must be taken concurrently with all Fall Semester courses in the Single Subject program.
A professional education course dealing with strategies for teaching English in the secondary school using the guidelines set in the respective California State Standards (Common Core) for K-12 public schools, including working with English learners and students with special needs. The course is constructed to meet California Commission on Teacher Credentialing program standards for preparation for teaching English, including instruction in how to understand, plan, design, and implement instruction that includes the following:

- Word analysis, fluency, and systematic vocabulary development, as evidenced by the use of phonological, morphological, and derivational systems of orthographic development.
- Reading comprehension, including promoting students' ability to access grade-level texts of increasing depth and complexity and activate background knowledge, make connections, synthesize information, and evaluate texts.
- Purposes and characteristics of the major genres of literature.
- Literary response and analysis and critique of texts and media for point of view, bias, power, validity, truthfulness, persuasive techniques, and appeal to both friendly and critical audiences.
- Writing instruction (inclusive of the writing process) on conventions, domains (i.e. response to literature, informational, persuasive, and technical), research, and applications that allow students to produce complex texts.
- Academic language development emphasizing discourse that leads to the production of complex texts.
- Incorporation of technology into language arts as a tool for conducting research.
- Strategies and systematic guidance so that students select texts for reinforcement of independent reading habits.
- Opportunities for listening and speaking, including comprehension, organization and delivery of oral communication, and analysis and evaluation of oral and media communications.
- Instruction in speaking applications, including grade-level genres and their characteristics.

At least one hundred eighty (180) hours, including those in ED520, ED550, and ED560, of English classroom observations and fieldwork required. [FA]

ED540F Teaching Strategies in the Secondary School – Music (5)
Credential Program.
Corequisite: must be taken concurrently with all Fall Semester courses in the Single Subject program.
A professional education course dealing with strategies for teaching music in the secondary school using the guidelines set in the respective California State Standards (Common Core) for K-12 public schools, including working with English learners and students with special needs. The course is constructed to meet California Commission on Teacher Credentialing program standards for preparation for teaching music, including instruction in how to teach students to sight sing, sight read, improvise, compose, and arrange music; how to help students understand the roles of musicians, composers, and general instruments in diverse cultures and historical periods; how to help students identify contributions of diverse cultural, ethnic, and gender groups and well-known musicians in the development of musical genres; how to instruct students in voice, keyboard, woodwinds, brass, strings, guitar, and percussion; and how to use a variety of instrumental choral and ensemble rehearsal techniques and employ an understanding of developmental stages of learning in relation to music instruction. At least one hundred eighty (180) hours, including those in ED520, ED550, and ED560, of music classroom observations and fieldwork required. [FA]

ED540G Teaching Strategies in the Secondary School – Physical Education (5)
Credential Program.
Corequisite: must be taken concurrently with all Fall Semester courses in the Single Subject program.
A professional education course dealing with strategies for teaching physical education in the secondary school using the guidelines set in the respective California State Standards (Common Core) for K-12 public schools, including working with English learners and students with special needs. The course is constructed to meet California Commission on Teacher Credentialing program standards for preparation for teaching physical education, including instruction in how to balance the focus of education among information, concepts, and skill development to provide students with the foundation for developing active and healthy lifestyles; and how to design a curriculum accessible to all students that includes a variety of fundamental movements, individual/dual/team sports, dance, aquatics, outdoor/adventure activities, combative activities, and fitness activities that meet the developmental needs of all students, including individuals with disabilities, lower-skilled individuals, and higher performers. At least one hundred eighty (180) hours, including those in ED520, ED550, and ED560, of physical education classroom observations and fieldwork required. [FA]

ED540H Teaching Strategies in the Secondary School – World Language (5)
Credential Program.
Corequisite: must be taken concurrently with all Fall Semester courses in the Single Subject program.
A professional education course dealing with strategies for teaching world language in the secondary school using the guidelines set in the respective California State Standards (Common Core) for K-12 public schools, including working with English learners and students with special needs. The course is constructed to meet California Commission on Teacher Credentialing program standards for preparation for teaching world language, including instruction in how to teach in a proficiency-oriented program with a commitment to teaching and learning using the four language skills of listening, speaking, reading, and writing. This enables their students to demonstrate communicative ability in the target language from level 1 to advanced, demonstrating knowledge of the nature of language and of basic linguistics, as well as a thorough understanding of the structural rules and practical use of the target language, including an in-depth knowledge and understanding of the cultures and societies in which the target language is spoken, with validation and appreciation of the language and cultures of heritage and native speakers. At least one hundred eighty (180) hours, including those in ED520, ED550, and ED560, of world language classroom observations and fieldwork required. [FA]

ED542 Classroom Management (3)
Master of Education in Teaching Program.
This course examines various research-based models, theories, and best practices for effective classroom management in service of student learning. Topics include strategies for developing effective learning communities, effective classroom procedures and expectations, anticipating and managing student behavior, rewards and motivation, positive behavior intervention and support, and strategies for working with reluctant or difficult students. Students will develop a personal classroom management system for use in their own teaching practice.

ED544 Educational Technology (3)
Master of Education in Teaching Program.
This course examines best practices for incorporating educational technology in the classroom. Includes strategies for using technology in the teaching/learning process, assessing student learning, and communicating with stakeholders (parents, colleagues, administration, and community members). Students will learn best practices regarding selection and evaluation of specific hardware and applications and will develop a plan to implement those in their teaching practice.

ED550 Teaching Strategies/English Learners (2)
Credential Program.
Corequisite: must be taken concurrently with all Fall Semester courses in the Single Subject or Multiple Subject program.
Course fee: $20.
A professional education course that presents the concepts, methods, and skills for teaching English to speakers of other languages in regular classrooms. Emphasis is on the principles of first and second language acquisition, assessment of student learning, and how to provide comprehensible input. Includes the history and current practices of language teaching and addresses cultural issues related to learning. [FA]

ED552 Educational Leadership (3)
Master of Education in Teaching Program.
This course provides an overview of the principles and best practices of educational leadership from a biblical perspective. Topics include organizational structure and behavior, building positive relationships, professional learning communities and coaching, communication, decision making, and program improvement.

ED560 Differentiation for Exceptional Learners (3)
Credential Program.
Corequisite: must be taken concurrently with all Fall Semester courses in the Single Subject or Multiple Subject program.
Course fee: $10.
Provides the basic knowledge, skills, and strategies, including Differentiated Instruction and Response to Intervention, for teaching the core curriculum to special populations in the general education classroom. Addresses students with disabilities, students on behavior plans, and gifted and talented students. [FA]

ED564 Diversity and Differentiation in Education (3)
Master of Education in Teaching Program.
This course provides an overview of principles and practices related to diversity in contemporary schooling, including topics such as the overarching concepts of culture, race, class, and group, cultural and neuro-diversity, and ways cultural and neuro-diversity influence education structure and practice, with a special focus on the inclusion of English learners and students with special needs in a regular education classroom. In addition, the course examines ways teachers can implement culturally responsive, neuro-differentiated teaching practices to meet student needs.

ED571 Colloquium I (1)
Credential Program.
Corequisite: ED581 or ED591.
Course fee: $300.
A professional education course to accompany student teaching. Weekly seminars address issues related to teaching and schools. Candidates prepare resumes, practice interviews, and gain other skills to help them obtain teaching positions. Training and support for submitting two CalTPA cycles is also included. [SP]

ED573 Colloquium II (1)
Credential Program.
Corequisite: ED582 or ED592.
A professional education course to accompany student teaching. Weekly seminars address issues related to teaching and schools. Candidates prepare resumes, practice interviews, and gain other skills to help them obtain teaching positions. Training and support for submitting two CalTPA cycles is also included as needed. [SP]

ED574 Educational Research (3)
Master of Education in Teaching Program.
This course provides an introductory overview of concepts, principles, and methods of educational research, including both qualitative and quantitative approaches, to enable students to become informed consumers of educational research. Topics include purposes of educational research, research design and typical methods (such as experimental, grounded theory, ethnography, narrative, action research, and mixed methods), and the research process.

ED578 Action Research in Education (3)
Master of Education in Teaching Program.
This course provides opportunity for students to examine action research theory and method and design a research project with the aim of improving their teaching practice. Student will gain the knowledge and skills necessary to design and implement an action research project, including identifying and stating the problem, conducting a literature review, collecting and analyzing data, and presenting findings in a formal report.

ED581 Elementary Student Teaching I (6)
Credential Program.
Corequisite: ED571.
Student Teaching fee: $125.
The first of two required full-time supervised teaching experiences in approved elementary schools. (The candidate is assigned to two different eight-week assignments: one in a primary grade where beginning reading is taught and one in an upper elementary grade.) Open only to graduates in the Teaching Credential Program who have completed their subject matter and professional preparation. (Grade for this course is CR/NC). [SP]

ED582 Elementary Student Teaching II (6)
Credential Program.
Corequisite: ED573.
Student Teaching fee: $125.
The second of two required full-time supervised teaching experiences in approved elementary schools. (The candidate is assigned to two different eight-week assignments: one in a primary grade where beginning reading is taught and one in an upper elementary grade.) Open only to graduates in the Teaching Credential Program who have completed their subject matter and professional preparation. (Grade for this course is CR/NC). [SP]

ED591 Secondary Student Teaching I (6)
Credential Program.
Corequisite: ED571.
Student Teaching fee: $125.
The first of two required full-time supervised teaching experiences in approved secondary schools. (The candidate is assigned to two different eight-week assignments: one in a junior high school and one in a senior high school.) Open only to graduates in the Teaching Credential Program who have completed their subject matter and professional preparation. (Grade for this course is CR/NC). [SP]

ED592 Secondary Student Teaching II (6)
Credential Program.
Corequisite: ED573.
Student Teaching fee: $125.
The second of two required full-time supervised teaching experiences in approved secondary schools. (The candidate is assigned to two different eight-week assignments: one in a junior high school and one in a senior high school.) Open only to graduates in the Teaching Credential Program who have completed their subject matter and professional preparation. (Grade for this course is CR/NC). [SP]

ED595 Capstone Seminar (3)
Master of Education in Teaching Program.
This is a core course in the TMU M.Ed. program and must be taken as the last course in the program. In this course students will design, propose, implement, and present a capstone project (or projects) through which they will demonstrate achievement of the M.Ed. program learning outcomes:

- Apply a biblical worldview and specific scriptural principles in the evaluation of any educational program or issue.
- Apply instructional theory to design and implement effective instructional strategies appropriate for the subject matter and student characteristics (including age, diversity, and exceptionality).
- Apply assessment theory to design and implement effective student and program assessment strategies in a range of subject areas and educational settings.
- Work effectively as a leader and/or team member within a collaborative educational environment.
- Perform and communicate results of graduate-level educational research, which includes effectively analyzing and evaluating the results of educational research, as well as applying the results to specific problems or issues as appropriate.

(EGR) Engineering

EGR101 Introduction to Engineering Design (1)
This course introduces design elements to freshman through the completion of a project. The students will work in a team, get hands-on experience, and compete to meet design goals/standards in accordance with course material of other freshman level courses.

EGR112 Theology of Technology (2)
Theology of technology discusses technology (which encompasses all of STEM) from the biblical worldview, including topics such as the purpose, limits, guidelines, and etc. of STEM. Also Included are discussions on doctrines including creation, image of God, and etc.

EGR390 Engineering Club (1)
Engineering Club participation can be awarded credits based on factors such as the number of hours worked, the relevancy of the job description, and completion of reports and presentations.

EGR490 Fundamentals of Engineering Exam (0)
The Fundamentals of Engineering (FE) Exam must be completed in the student's respective discipline: Electrical and Computer engineering or Mechanical Engineering.

EGR491 Senior Capstone (1)
Prerequisite: Senior Standing.
Designed to introduce and practice essential non-technical skills (speaking, writing, etc.) and non-technical information (ethics and economics of engineering) by providing practice and practice for the Fundamentals of Engineering Exam.

(ENT) Entrepreneurship

ENT200 Innovation and Entrepreneurship (3)
This course is focused on ideation as the first step in the entrepreneurial process. Subsequent steps include validating a concept empirically and executing against that concept. The focus for this course is on generating business models, novel product ideas, and novel services that meet a verifiable market need. The subject of ideation is approached from the perspective of a Christ-follower who is seeking to live out the gospel through the practice of initiating and growing commercial ventures. [ET]

ENT300 Entrepreneurial Finance (3)
This course introduces students to financial forecasting, revenue and expense models, cash flow management, along with the advantages/disadvantages of bootstrapping, debt financing, and equity-based financing from the perspective of the entrepreneur. Issues including private equity finance from seed stage through growth equity to recapitalization are covered along with deal structure, incentive design, risk-based valuation, and financial management in private, rapidly growing enterprises. [ET]

(ESL) English as a Second Language

ESL303 Introduction to Linguistics (3)
Same as E353.
This course is a survey of the linguistic principles of morphology, syntax, semantics, pragmatics, phonetics, phonology, and sociolinguistics. Students will develop the basic skills needed for the linguistic analysis of languages. [OFA]

ESL351 Language Acquisition for Teachers (3)
School of Education course.
This course provides an introduction to language learning and acquisition theories, with a particular focus on supporting language development of English learners and teaching reading to all students in elementary school classrooms. Topics include: the study of language, first language acquisition, second and written language acquisition, English phonology and its implications for teaching, English orthography and its implications for teaching, English morphology and its implications for teaching, and English syntax and its implications for teaching. [SP]

(FIN) Finance

FIN321 Real Estate Principles (3)
An introductory course designed to cover real estate fundamentals with practical applications useful in residential and commercial real estate transactions. Topics include investment decision making, valuations, investment performance, financing, real estate management, legal and regulatory considerations, market research, and licensing requirements for brokers and agents. The course prepares the student for the California real estate license examination. [FA]

FIN332 Financial Services Management (3)
An introduction to the functions and operations of modern United States financial institutions. The course covers a study of banking laws and regulations with special attention given to the impact of technology within the industry. Additionally, the evolution and subsequent historical, social, and political impact of the Federal Reserve is examined. [SP]

FIN338 Introduction to Risk Management (3)
An introduction to basic insurance concepts. Topics include terminology, risk exposure, private consumer coverage, property and liability insurance, health insurance, life insurance, annuities, commercial coverage, and government issues. [FA]

FIN341 Investments (3)
Prerequisite: ECN200.
A survey of investments including stocks, bonds, government securities, and financial intermediaries. Emphasis is placed on security analysis, valuation, and portfolio management. Topics include personal financial strategies and investment alternatives. [ET]

FIN388 Studies in Finance (3)
A survey of a selected topic(s) in financial management made available by an adjunct or full-time professor. [OOD]

FIN440 Finance (3)
Prerequisite: ACC210, ACC220, CS270A, and BUS310.
Valuation methods available to the manager to determine the optimal financial structure of the firm. Emphasis is on financial statement analysis, cash flow analysis, capital budgeting, investment, and financing decisions. [ET]

(FIN) Finance - Graduate Level

FIN540 Corporate Finance (3)
School of Online degree(s) only. Prerequisites: ACC500 and BUS510.
A comprehensive study of finance for the executive manager learning to utilize the financial tools to analyze and interpret the financial health of an enterprise. Students will have practical learning experiences to understand financial concepts used in corporations and small businesses to become skillful in financial planning and analysis.

(GS) Geoscience

GS150 Essentials of Geology (3)
G.E.: fulfills LS150/GS150 science lecture requirement. Concurrent with GS150L.
A survey of the major topics in geology including minerals, rocks, fossils, erosion, weathering, volcanoes, earthquakes, landforms, plate tectonics, and earth history. 3-hour lecture. [FA]

GS150L Essentials of Geology Lab (1)
G.E.: fulfills LS150/GS150 science lab requirement. Concurrent with GS150.
Lab fee: $100.
The lab will be a hands-on study of geology focusing on the identification of rocks, minerals, fossils, landforms, and processes as well as outdoor excursions to study rocks in the field. 3-hour laboratory. [FA]

GS252 Historical Geology (3)
Concurrent with GS252L.
A survey of the earth's geological history from its beginning to the present. Topics of study include the fossil record, correlation methods, and dating methods. Particular attention is paid to comparing and contrasting different viewpoints on earth history. 3-hour lecture. [SP]

GS252L Historical Geology Lab (1)
Concurrent with GS252.
Lab fee: $100.
3-hour laboratory. [SP]

GS321 Mineralogy (3)
Prerequisite: GS150 or equivalent. Corequisite: CH151 or equivalent. Concurrent with GS351L.
This course focuses on minerals as the building blocks of rocks—their chemistry, occurrence, characteristics, uses, and associations. 3-hour lecture. [OFA]

GS321L Mineralogy Lab (1)
Prerequisite: GS150 or equivalent. Corequisite: CH151 or equivalent. Concurrent with GS351.
Lab fee: $100.
The lab work consists of identification and recognition of minerals in hand specimen and thin section. 3-hour laboratory. [OFA]

GS322 Petrology (3)
Prerequisite: GS321 or equivalent. Corequisite: CH152 or equivalent. Concurrent with GS322L.
This course surveys the characteristics, occurrences, and origins of igneous, metamorphic, and sedimentary rocks. 3-hour lecture. [ESP]

GS322L Petrology Lab (1)
Prerequisite: GS321 or equivalent. Corequisite: CH152 or equivalent. Concurrent with GS322.
Lab fee: $100.
The laboratory work consists of identification and recognition of rocks in hand specimen and thin section. 3-hour laboratory. [ESP]

GS332 Hydrogeology (3)
Prerequisites: GS150, CH151, PS211 or PS251. Concurrent with GS322L.
This course introduces a practical approach for studying the physical and chemical aspects of groundwater with an emphasis on the relationship of the geologic environment with water quality, underground flow, and infiltration/recharge principles. 3-hour lecture. [OSP]

GS332L Hydrogeology Lab (1)
Prerequisites: GS150, CH151, and PS251 or equivalents. Concurrent with GS322.
Lab fee: $100.
3-hour laboratory. [OSP]

GS351 GIS & Geomorphology (3)
Prerequisite: GS150 or its equivalent. Concurrent with GS351L.
A course highlighting the formation, development, and weathering of the earth's surface features in relation to the rates and processes involved. 3-hour lecture. [OFA]

GS351L GIS & Geomorphology Lab (1)
Prerequisite: GS150 or its equivalent. Concurrent with GS351.
Lab fee: $100.
Laboratory work will include analysis of geologic maps and topographic maps, but it will mainly focus on familiarizing students with using geoinformatics systems (GIS) software as they study and map landforms. 3-hour laboratory. [OFA]

GS371 Structural Geology (3)
Prerequisites: GS150 and PS251 or equivalents. Concurrent with GS371L.
Instruction on the mechanics of rock deformation and analysis of geologic structures, including faults and folds. Required field trip. 3-hour lecture. [EFA]

GS371L Structural Geology Lab (1)
Prerequisites: GS150 and PS251 or equivalents. Concurrent with GS371.
Lab fee: $100.
3-hour laboratory. [EFA]

GS400 PG Exam Preparation (1)
This course exists to prepare students for taking the ASBOG geology-proficiency assessment examination and California's Professional Geologist registration exam.

GS412 Advanced Historical Geology (3)
Prerequisite: GS150
This course is designed for seniors desiring to dive more deeply into the geological history of earth. Topics include the fossil record, dating methods, correlation methods, and contrasting of hypotheses and theories of earth history. [SP]

GS420 Senior Seminar in Geoscience (1)
Prerequisite: senior standing.
Designed to give students the experience in presenting a scientific study to an audience of their peers. Students prepare and present two professional oral presentations to students and faculty. Presentations can include topics related to the geosciences. Information for the presentation is derived from reading the primary literature in these areas and choosing a primary research paper as the focus of the presentation. Alternatively, a student may present original laboratory research they have done at TMU or during a research project. The presenter must do background literature research for their topic and be able to address questions asked by the class or professor. [ET]

GS422 Senior Capstone in Geoscience (1)
Prerequisite: senior standing.
Designed to review major concepts that are foundational to the geosciences. Students will be expected to complete a research paper as a capstone assignment for their geoscience major. [SP]

GS428 Research in Geology (1)
Lab fee: $100.
Library and laboratory study on various selected topics in contemporary geoscience. Report required. [OOD]

GS452 Environmental Geoscience (3)
Prerequisites: GS150 or upper division science courses, and junior standing. Concurrent with GS452L.
This course shows students how to apply geoscience to various natural hazards and environmental problems including landslides, floods, water supply issues, natural resource extraction, and waste disposal. Required field trip. 3-hour lecture. [OSP]

GS452L Environmental Geoscience Lab (1)
Prerequisites: GS150 or upper division science courses, and junior standing. Concurrent with GS452.
Lab fee: $100.
3-hour laboratory. [OSP]

GS472 Sedimentology and Stratigraphy (3)
Prerequisites: GS252 and GS322. Concurrent with GS472L.
This course introduces students to the principles of sedimentary rock deposition and structure as well as the principles of stratigraphy and rock correlation. Required field trip. 3-hour lecture. [ESP]

GS472L Sedimentology and Stratigraphy Lab (1)
Prerequisites: GS252 and GS322. Concurrent with GS472.
Lab fee: $100.
3-hour laboratory. [ESP]

GS490 Geology Field Camp (4-6)
Prerequisites: GS322, GS351, GS371, and GS472.
During the summer, students will take a four- to six-week geologic field camp course, run by another institution, focusing on stratigraphy and structural geology. This course should be taken in a student's junior or senior year. [SPC]

(H) History

H211 Essentials of World History I (3)
Fee: $20.
An historical survey exploring the major events and themes in world history from earliest times to the 17th century.
The course integrates key cultural, social, political, economic, intellectual, and geographical developments of various civilizations.

H212 Essentials of World History II (3)
Fee: $20.
An historical survey exploring the major events and themes in world history from the 17th century to the present.
The course integrates key cultural, social, political, economic, intellectual, and geographical developments of various civilizations.

H230 Essentials of U.S. History (3)
An examination of noteworthy political, geographical, social, cultural, and economic trends in the United States from the colonial era to the present.

H315 Medieval Europe (3)
A broadly cultural history of Western Europe from the fall of Rome through the High Middle Ages (A.D. 300 to 1300). Topics covered include the collapse of Rome, Byzantium, the great church councils, the rise of Islam, Charlemagne, monasticism, the Crusades, papacy vs. empire, feudal society, and the rise of towns, universities, and monarchies.

H316 Renaissance Europe (3)
A survey of the historical events in Renaissance Europe (A.D. 1300 to 1550) with special attention given to the events, personages, and themes of Renaissance Italy. A particular area of focus is the society and culture of Florence during this period.

H323 Early National Period of the U.S. (3)
A study of formative political, economic, geographical, social, diplomatic, and cultural developments between 1789 and 1848. Topics include constitutional questions; origins and evolution of political parties; early industrialization; wars with Britain, Mexico, and Native Americans; and Jacksonian era democratic and social reforms.

H326 Contemporary United States History (3)
Social, cultural, economic, geographical, political, and diplomatic developments in the United States from approximately 1968 to the present. The following topics are addressed: post-industrial economics, the end of the Cold War, and various manifestations of the "culture wars."

H327 Latin American History (3)
A broad survey integrating geography, politics, economics, and culture, including the ancient Native-American civilizations, Iberian conquest and colonization, wars of independence, modern national trends, and relations with the United States.

H332 California: Past & Present (3)
A study of cultural, economic, geographical, and political developments in California starting with its Native American residents, through the Spanish and Mexican periods, and continuing to its present multicultural state. California's present government structure is also examined.

H334 20th Century World Wars, Crises, & Resets (3)
Military, political, diplomatic, social, and economic history of World War I and the Treaty of Versailles, the Great Depression, the rise of fascism, World War II, and the early Cold War.

H335 Colonial & Revolutionary America (3)
An examination of economic, political, social, geographical, and cultural developments in the North American colonies from their discovery to the writing of the Constitution in 1787. Topics include the clash of Native-American and European cultures, colonial religious beliefs and practices, the institutionalization of slavery, formative experiences in self-government, and the ideologies of the Revolution and Constitution.

H343 U.S. Constitutional History (3)
Same as POL343.
A broad survey of U.S. Constitutional history beginning with the influences of English Common Law and colonial constitutional practices to the present Roberts Court. Case law is integrated within the historical contexts so that students will understand the interrelatedness between American history and jurisprudence.

H346 East Asian History to 1945 (3)
A survey of East Asian history and geography with the major emphasis on the political and cultural histories of China and Japan to 1945. This course uses a historical and comparative approach.

H347 The Intertestamental Period (3)
Same as BCH347.
A survey of the historical movements and events in Judea from 400 B.C. to A.D. 70 that serve as the background for the New Testament. The literature (apocryphal books, Dead Sea Scrolls), institutions (synagogue, Sanhedrin, temple), and religious sects (Pharisees, Sadducees, Essenes, etc.) will be closely examined. Finally, the Hellenistic, Roman, and Jewish political rulers will be surveyed to understand better the context in which the early Christian events took place.

H353 U.S. Diplomatic History (3)
Same as POL353.
A survey of U.S. foreign relations events, policies, and policy-makers from the colonial era to the present. Geopolitics since WWII receives extra emphasis to facilitate an understanding of the context for contemporary international relations.

H363 Ethnic America (3)
An examination of the historical conditions and contributions of Native Americans, African Americans, Hispanic Americans, Asian Americans, and various European Americans from the colonial era to the present. Geographical implications of settlement and residential patterns are also explored.

H364 History of Ancient Israel (3)
Same as B364.
A careful study of the history of the people and the nation of Israel, from Abraham through the period of restoration. Special attention is given to the relationship of the Old Testament prophetic and wisdom literature to that historical narrative.

H367 History of the Church (3)
Same as BCH367.
A survey of personalities and issues in church history from the first century church to the present. The course includes discussions of the church fathers, major councils, the Reformation, and key church leaders over the last 2,000 years.

H383 Ancient Roman History (3)
This course is a survey of the history of the Roman Republic and Empire and an introduction to the histories written by the ancient Romans. Students will read selections from Livy, Tacitus, Caesar, and others.

H385 Ancient Greek History (3)
This course is a survey of Greek history to the death of Alexander and an introduction to the histories written by the ancient Greeks. Students will read selections from Herodotus, Thucydides, Xenophon, and others.

H404 Studies in John Calvin (3)
G.E.: May fulfill the Literature Elective.
Same as BCH404 & H404.
This is a study of the life and work of the great magisterial Reformer. The approach will be that of an "intellectual history" course, featuring biographical, literary, theological, and philosophic content concerning the man and his times. Specific attention is paid to Calvin's status as a master 16th century literary Humanist who guided the systematic intellectual development of Reformation thought. [ESP]

H421 Historical Research Techniques (3)
A course on research methods in history, introducing both traditional research techniques and contemporary computer-based strategies. Problems in writing and documentation will also be addressed, while historiography comprises a main topic for readings.

H424 Civil War & Reconstruction (3)
An examination of political, social, economic, and military facets of the Civil War and Reconstruction periods, including such topics as the nature of the Union under the Constitution, the importance of regional economic specialization, the crucial role of race relations in American society, and ethical questions concerning slavery and war.

H467 The Reformation Era, 1500-1648 (3)
Same as BCH467.
A study of the historical/theological development of the Reformation and post-Reformation period through Calvin. Other areas of the Reformation not covered in class lectures are pursued through research papers and class discussion.

H487 U.S. Church History (3)
Same as BCH487.
A historical survey of U.S. church history, especially American Protestantism, from deep colonial Puritan roots through the First and Second Great Awakenings, the shattering of basic biblical unity in the modernist/fundamentalist controversy, and the rebuilding of modern evangelicalism in contemporary times.

H489 Internship (1-3)
Experience-based internship in some external setting, usually organized by the student interested in study. Optional.

H492 Senior Seminar in History (3)
A capstone course involving a review of historiography issues as well as historical & social science data to prepare history majors for national tests.

H499 Special Historical Studies (1-3)
Prerequisite: permission of the instructor.
Studies that deal with subjects not normally covered in departmental courses. Sometimes in a directed studies format.

(HA) Healthcare Administration - Graduate Level

HA500 The U.S. Healthcare System Delivery System (3)
School of Online degree(s) only.
Provides a broad introduction to the U.S. healthcare system, including an overview of the history of the U.S. healthcare system, significant concepts in healthcare operations, legal and ethical issues in healthcare, the role of government, and public and private financing.

HA510 Leadership of Health Organizations (3)
School of Online degree(s) only.
Introduces leadership from a healthcare perspective, including the specific leadership competencies related to healthcare along with well-established leadership theories and models. Reviews leadership from a Biblical point-of-view, in the form of Servant Leadership. Presents the vital health leadership skills of self-assessment and self-reflection.

HA520 Law and Ethics in Healthcare (3)
School of Online degree(s) only.
This course presents an overview of the legal issues facing the healthcare industry. It provides students with a basic working knowledge of health law. It is a comprehensive and inclusive review of a wide variety of healthcare legal issues. Students are provided with a realistic knowledge of health law and its application to the real world.

HA530 Human Resource Management in Healthcare (3)
School of Online degree(s) only.
Provides a basic overview of human resource functions and roles in healthcare organizations. Topics include the strategic role of HRM, employment laws and policies, job design and analysis, retention, compliance, benefits, and compensation.

HA540 Inpatient and Continuum Care (3)
School of Online degree(s) only.
Provide a study of strategy and operations in hospitals and throughout the continuum of care: from ED, hospital admission, discharge to home, or short or long-term care facility.

HA545 Outpatient and Primary Care (3)
Provides insight into the strategy and operations of running an ambulatory care clinic/center. Discusses the concept of Ambulatory Care Medicine, economic and regulatory factors, the limitations of ambulatory care, maintaining compliance and minimizing errors, and the ethical challenges in delivering outpatient medicine with a biblical mindset.

HA550 Healthcare Quality, Risk, and Compliance (3)
School of Online degree(s) only.
Investigates healthcare organizations' efforts and processes to improve the safety, quality, and efficiency of their care delivery. How they provide the right care to patients in accordance with internal and external rules, policies, and local, state, and federal regulations. This includes identifying opportunities and potential risks, prioritizing them, taking a systematic approach to remediation and education, and reporting them to appropriate government agencies as applicable.

HA560 Strategic Management in Healthcare (3)
School of Online degree(s) only.
Introduces students to a diverse range of established and innovative best practices essential for making strategic decisions within the competitive healthcare marketplace. Each session presents an opportunity to delve into the formulation, monitoring, and leadership of strategies, considering the intricate structure and processes inherent in healthcare.

HA570 Healthcare Technology and Analytics (3)
School of Online degree(s) only.
Explores the role of healthcare technology and its use to help support quality patient outcomes and increased efficiency within healthcare operations. How technology supports the consumer model of healthcare, as well as the influencing factors as well as barriers to the implementation of healthcare technology within organizations. Analysis of data produced in healthcare and how to apply data mining strategies to use meaningful data to support healthcare initiatives in the real world.

HA580 Global Health and Management Issues (3)
School of Online degree(s) only.
Focuses on major global health challenges and examines key health determinants and areas of disease burdens. Discusses the impact of political, social, environmental, and economic factors on population health globally. Explores other healthcare systems and compares them to U.S. healthcare. Presents public health and health interventions of various governments to protect their populations in situations in general and during pandemics such as the flu and COVID.

HA590 Capstone in Healthcare Administration (3)
School of Online degree(s) only.
This course brings together the totality of instruction of the MHA program, culminating in a capstone assignment that makes the transition from theory to practice. Students will evaluate, research, and create a project based on a comprehensive, hypothetical case study simulation. In addition, students will sharpen their analytical skills by breaking down several case studies across the healthcare spectrum.

(HU) Humanities

HU201 Intro to the Classical Liberal Arts (3)
This course is designed to introduce the history and development of educational theory and practice in the ancient world and its renewal in recent times. Readings and discussion of sources from Greek, Roman, late Antiquity, Medieval, and Renaissance/Early Modern periods, including Plato, Aristotle, Cassiodorus, Augustine, Aquinas, Alcuin, Ascham, Mulcaster, and Milton. The ancient tradition is shown as recast in the modern era beginning with the work of Adler, Sayers, Doug Wilson, and others. This renewal has been in reaction to, and opposed to, the work of the majority of 20th century educational theory without rejecting all of its observations.

HU312 Disciplinary Connections (3)
A study of conceptual foundations of seven major areas of study: reading, language and literature; history and social science; mathematics; science; visual and performing arts; physical education; and human development. Students will examine the connections between disciplines. This is a required three-unit course in the 12-unit concentration for Liberal Studies: Elementary Education majors.

(IA) Intercollegiate Athletics

Intercollegiate Athletics (1)
Open only to those individuals participating in an intercollegiate team. No more than four total semester hours, including transfer hours, for any combination of different sports may be taken for credit.
IA110/IA410 Intercollegiate Basketball (1) [ET]
IA121/IA421 Intercollegiate Cross Country (1) [FA]
IA131/IA431 Intercollegiate Soccer (1) [ET]
IA141/IA441 Intercollegiate Volleyball: Women (1) [ET]
IA142/IA442 Intercollegiate Women's Beach Volleyball (1) [ET]
IA151/IA451 Intercollegiate Golf (1) [ET]
IA162/IA462 Intercollegiate Track & Field (1) [SP]
IA170/IA470 Intercollegiate Swimming & Diving (1) [ET]
IA172/IA472 Intercollegiate Volleyball: Men (1) [ET]
IA192/IA492 Intercollegiate Baseball (1) [ET]

(IBEX) Israel Bible Extension

IBEX300 The Land & the Bible (6)
GE substitute option: Non-Biblical Studies majors may substitute in place of B102 and/or B201. Approval required from IBEX Office.
A regionally based geographic study of the land of Israel with an emphasis on the biblical period. Attention is given to the interrelationship of geography and geology to history and the subsequent development of civilization in the various regions. Regions studied include Judea, Samaria, Dead Sea, Jordan Rift, Galilee, Golan, Jezreel, Negev, and the Coastal District. (Required of all IBEX semester participants.) [ET]

IBEX304 Historical Geography of the Bible (4)
Prerequisites: IBEX300 and previous IBEX semester experience.
An advanced seminar on historical aspects of biblical geography. This course examines the historical geography of the land of Israel with attention to regional structure and the development of communication lines. Emphasis is placed on historical aspects of site location, including discussions of biblical and epigraphical documentation, archaeological evidences, and toponymy. [ESP]

IBEX307 Regional Studies – Israel (3)
Note: Rigorous hiking, ability to read Hebrew place names on topographic maps, and extensive field work mandatory for class participation. Limited enrollment.
A field-based seminar focusing on historical, geographical, cultural, and archeological aspects of selected regions in the land of Israel, designed to supplement those covered in IBEX300. [3-4]

IBEX311 Biblical Hebrew (4)
Note: IBEX311 parallels BL311 at TMU's California campus.
An introduction to grammar, syntax, and vocabulary of biblical Hebrew. Attention is given to translation and reading skills. [FA]

IBEX312 Modern Hebrew (3)
An introduction to modern Hebrew with attention to reading and conversation skills. [SP]

IBEX320 Jewish Thought & Culture (3)
A study of Jewish thought, literature, and culture from the ancient to modern period. Social, political, cultural, philosophical, and theological developments and contributions will be considered. [ET]

IBEX330 History of the Modern State of Israel (3)
A thematic study of the major issues concerned with Jewish self-determination and the establishment of the State of Israel. Topics include the rise of Zionism, the British Mandate, the Holocaust and anti-Semitism, socio-political status of the Jewish people in the late-nineteenth to mid-twentieth centuries, the 1948 war for independence, and the subsequent Arab-Israel conflicts. [ET]

IBEX333 Biblical Archaeology (3)
This course introduces students to the methodological principles, procedures, discoveries, and research resources for understanding the archaeology and material culture of Bible lands. Attention will be given to how the findings of archaeology can clarify and illustrate the meaning and historical background of biblical texts. Students will have opportunities to visit excavation sites for hands-on fieldwork. [OFA]

IBEX337 Geographical Area Studies (3)
A field-based seminar on selected sites of historical, geographical, cultural, and archaeological interest in the Mediterranean region and the Middle East proper. [3-4]

IBEX340 History & Society of Modern Israel (3)
Corequisite: IBEX300.
This course is a lecture and field-based study of the history and society of the modern State of Israel. The class examines historical events leading up to the formation of modern Israel in 1948, and subsequent significant history to the present time. The class includes hands-on study of the diverse ethnic, political, and religious expression in Israel and the disputed territories (Judea/Samaria/West Bank). [ET]

IBEX367 History of Ancient Israel (3)
A careful study of the history of the people and nation of Israel, from Abraham through the restoration period. Special attention is given to the period of the monarchy. [3-4]

IBEX370 Physical Geography of Israel (3)
An examination of the physical geography of the land of Israel with attention to regional structure, geology, and topography with a view to the development of communication lines and settlement. (Academic Short-Term Program only.) [ET]

IBEX377 The Life of Christ (3)
An examination of the life of Christ with attention to the historical, cultural, and geographical factors that influenced Christ's earthly ministry. [3-4]

IBEX399 Special Topics: IBEX (1-5)
This course addresses specific topics of interest related to the semester-abroad program in Israel (IBEX). [SPC]

IBEX457 Jerusalem Studies (3)
A seminar covering historical, archaeological, and cultural aspects of the city of Jerusalem, both ancient and modern. Reading in primary sources related to the city, site visits, classroom lecture, and student presentations are required. [3-4]

IBEX467 New Testament Backgrounds (3)
A seminar covering historical, archaeological, and literary aspects of the Second Temple Period (Herodian-New Testament-Roman). Readings in primary sources, site visits, classroom lecture, and student presentations are required. [3-4]

(IBEX) Israel Bible Extension - Graduate Level

IBEX570 Physical Geography of Israel (2)
School of Online degree(s) only. Prerequisite: By petition of the program chair, students may elect to take IBEX570 in place of BTS510.
A field-based examination of the physical geography of the land of Israel with attention to regional structure and topography as they relate to the development of routes and settlement. This course is taught as part of a 19-day study trip to Israel led by a Master's University or a Master's Seminary professor.

(IDS) Interdisciplinary Studies

IDS100 Intro to Interdisciplinary Studies (1)
Prerequisite: For IDS students only.
This one-unit seminar is at the heart of Interdisciplinary Studies. The course explores biblical foundations for interdisciplinary studies and discusses how all areas of life (including study) are interconnected. This first seminar will cover what it means to be an interdisciplinary studies major, encouraging students to think deeply about what they will study and how their choices will work together toward future career goals.

IDS200 Interdisciplinary Studies Practicum (1)
Special Projects. This seminar will focus on creating one campus-wide event showcasing Interdisciplinary ideas and thinking and also one or more smaller events specifically for Interdisciplinary students. Interaction and conversation will continue highlighting critical thinking and interdisciplinary thought.

IDS299 How To Be Better (At Various Topics) (1)
IDS299A How To Be Better at Automotive Care (1)
IDS299B How To Be Better at BBQ (1)
IDS299C Understanding AI: Why it Matters (1)
Fee: will vary by topic.
This series is designed to help students learn practical lessons in biblical and wise living. From automotive care, to cooking, to taxes, to creating a personal budget/plan, these courses are taught by dedicated and experienced TMU staff and faculty who want to shepherd students in specific areas of life. Classes in this series will be taught at instructor's discretion.

IDS300 Interdisciplinary Career Focus (1)
Prerequisite: IDS100.
This second seminar will continue interdisciplinary thought and conversation from the previous seminars focusing on the student's future. Topics such as resume creation, networking, interviewing, and finding and creating the required internship. The seminar will also cover the basic requirements of IDS450, the capstone course.

IDS309 Being & Belonging in our Tech Age (3)
Students in this seminar-style course will examine and live out the question: "What does it mean to be human in our current technological age?" touching on the philosophical underpinnings that have led to the rise of Posthumanism and Transhumanism in the 21st century. The class will discuss Biblical Anthropology as the framework for living an integrative Christian life. Students will then consider the practical outworking of being and belonging together as humans, discussing topics such as ethics and social practices in the workplace, AI and human creativity, suffering together, neighborliness, hospitality, segregation, cultivating friendships, daily technological habits, biomedical decision making, and church and family dynamics.

IDS310 Business and the Bible (3)

IDS319 The Bible and Money (3)
Same as B319 and BUS319.
A comprehensive study of the Bible and what it has to say about business and money. Topics will include giving/tithing, a biblical view toward money and wealth, saving and investing, and specifically ways that Jesus addressed the topic of money. There will be a comparison to what the world has to say about those topics. Cross Listed as: B319 as UD Bible Elective and BUS319 as UD Business Elective.

IDS320 Free Markets, Capitalism, & Public Policies (3)

IDS350 IDS Internship (3)
This internship is a crucial and required component for all Interdisciplinary Studies majors. Working with your advisor along with department chair approval, the internship will allow the student to put into practice his/her unique course of study in the workplace.

IDS390 Independent Study: Interdisciplinary Topics (3)

IDS450 Capstone (1)
Prerequisites: IDS100, IDS300, IDS350.
Working with your advisor, students will design and submit a culminating portfolio to include updated pieces that the interdisciplinary student has created throughout their academic program. Additional portfolio submissions will vary based upon each student's unique course of study.

(INB) International Business

INB311 Global Business Strategies (3)
This course biblically examines global business ethics, values, and strategies that shape and guide the believer, the church, and the company in the global business enterprise. [ET]

INB365 International Economics and Trade (3)
Prerequisite: ECN200 and ECN210.
The course includes a comprehensive study of international trade theory, international trade policy, the balance of payments, foreign exchange markets, exchange rates, open-economy macroeconomics, and the international monetary system. [EFA]

INB372 International Business Marketing (3)
Prerequisite: MKT350.
The course includes a comprehensive study of international marketing conditions and constant changes. Topics include foreign market research; trade promotion; political, legal, economic, and cultural environments; product and service adaptability; and multinational competition. [SP]

INB488 International Business Experience (3)
Prerequisite INB311.
The student will visit a for-profit and/or a not-for-profit enterprise outside the United States with the goals of observing, contributing to, and evaluating the organization(s). [OOD]

(INB) International Business - Graduate Level

INB511 International Business (3)
School of Online degree(s) only. Prerequisite: BUS510.
A study of the current state of international business, which will include an advanced analysis of the economic and cultural environments present in today's global marketplace.

(ITA) Italian

ITA128 Beginning Italian I (3)
ITA138 Beginning Italian II (3)
Designed to introduce beginning students to the Italian language. The curriculum will emphasize conversation, the fundamentals of grammar, and pronunciation.

KIN100 Health and Wellness (3)
This course is designed to provide instruction in modifiable lifestyle factors such as physical activity, dietary recommendations, sleep requirements, and stress management as they relate to overall health and wellness. Influences on body systems and consequences will be addressed. [FA]

KIN268A Self-Defense (2)
Fee: $10.
This class is designed to provide students with the opportunity to apply their academic knowledge and understanding in a practical setting. [ET]

KIN308 Functional Assessment in Human Performance (3)
Prerequisites: LS321, KIN312.
This course focuses on the essential elements of assessing readiness for exercise and athletic performance. Emphasizes learning a comprehensive approach to collecting demographic information and assessing static and functional readiness for activity. [FA]

KIN312 Movement Anatomy (3)
Prerequisite: LS321.
Fee: $10.
A study into the functional anatomy of human movement. Focal points of study include osteokinematics, arthrokinematics, and the underlying anatomical and physiological design that governs human movement. Course content prepares students to better comprehend and analyze the various mechanisms behind exercise, sport and skilled movements that are observed in everyday life. [FA]

KIN313 Adapted Physical Education (3)
A study of the principles and applications of physical education programs for people with disabilities. [ET]

KIN314 Biomechanics (3)
Prerequisites: LS321, KIN312.
An in-depth study of anatomical and biomechanical movement analyses. [SP]

KIN316 Physiology of Exercise (3)
Prerequisite: LS322.
Fee: $25.
An in-depth study of physiological adaptations and responses that occur as a result of exercise and sport. [SP]

KIN321A Cardiovascular Response to Exercise (1)
Prerequisite: LS321, LS322.
Adaptations of the cardiovascular system to acute and chronic exercise are examined at the metabolic and systematic levels. Underlying mechanisms occurring in response to the stress of exercise and subsequent adaptations will be discussed from a current literature perspective. [OOD]

KIN321B Orthopedic Neurology (2)
Prerequisite: LS321, LS322.
Principles of neural science will serve as the foundation for insight into the influence of neurophysiology as it relates to orthopedic injuries. Neural adaptations and current research topics will be integrated to facilitate deeper understanding of the applications to orthopedics. [OOD]

KIN321C Special Topics: Medical Ethics (3)
An overview of ethical challenges facing Christ followers as they enter the field of healthcare and the broader workforce, with attention given to the topics of post-modernism, male and female conduct, ethnic partiality, and sexuality. [OOD]

KIN321D Special Topics: Pathophysiology (2)
Prerequisite: LS322
This course explores pathological processes and their effects on homeostasis. The interrelationships among organ systems contributing to homeostatic imbalances are addressed. Upon completion, students will have studied etiology, physical signs and symptoms, prognosis, and complications of commonly occurring diseases and their management. Emphasis in optimizing health status will be presented. [OOD]

KIN353 Essentials of Nutrition (3)
Prerequisites: LS321, LS322.
A study of the foundational elements of nutrition. This course will cover the anatomy and function of the gastrointestinal tract as well as the physiology behind the digestion, absorption and metabolism of carbohydrates, fats and proteins. Additionally, this course will cover the function of vitamins, minerals and the application of nutrition to exercise. [FA]

KIN394 Medical Terminology (1-3)
An in-depth study of the components of medical terminology: prefixes, suffixes, root words, and origins. Students will learn to construct and analyze terminology from 12 systems of the body. [OOD]

KIN396 Exercise Program Design (3)
Prerequisites: LS321, LS322.
A study of the theory and application of training principles used in designing periodized sport-specific strength and conditioning programs. [SP]

KIN408 Motor Development (3)
This course is designed to trace the development of motor function through life stages. Attention will be given to biomechanical adaptations, neuromuscular changes and unique age-related challenges. [FA]

KIN415 Elementary P.E. Components & Techniques (3)
School of Education course.
Prerequisite: ED202 or ED301.
This course introduces students to concepts and techniques for instruction of developmentally appropriate physical education for children in elementary grades (typically TK- 6). Topics include: physical growth and development of children, health topics, movement concepts, instruction and management of lessons, foundational and specialized skills, and sports/games. Students will develop and teach appropriate sample lessons. Enrollment limited to Liberal Studies: Elementary Education majors, unless approved by instructor. [SP]

KIN425 Prevention & Care of Athletic Injuries (3)
Prerequisite: LS321.
Fee: $30.
Theory and practice in the prevention and care of athletic injuries. This course will cover injury recognition and evaluation of common upper and lower extremity injuries in the athletic populations. In addition, general medical conditions found in active populations will be discussed. [FA]

KIN426 Advanced Orthopedic Assessment (3)
Prerequisite: KIN425.
Fee: $25.
An advanced course in theory and practice in the prevention and care of athletic injuries. Emphasis will be placed on fundamental evaluation and assessment skills needed by an allied health professional working with active populations. [FA]

KIN436 Motor Learning (3)
A study of the theories related to motor learning and human development, and the nature of learning basic locomotor and sports skills as related to physiological, psychological, and sociological aspects of development. [SP]

KIN446 Reconditioning of Athletic Injuries (3)
Prerequisite: KIN425
Fee: $25.
The theory and practice of rehabilitation principles, including pain control, tissue repair, joint range of motion, flexibility, proprioception, and strength acquisition. The information is presented in a lecture and laboratory format. [SP]

KIN448 Research in Kinesiology (1-3)
An elective course involving intensive library and field study of a selected topic in contemporary Kinesiology. [ET]

KIN465 Primary Physical Assessment (3)
Fee: $20.
Assessment of cardiovascular and respiratory disorders; neurological disorders; disorders of the eye, ears, nose, throat, and mouth; systematic disorders; and dermatological conditions. [FA]

KIN479 Practicum (1-3)
Students complete an off-campus practicum in a setting related to their emphasis in the major. The practicum must be directly supervised and verified by a professional upon completion. [ET]

KIN490 Senior Capstone (1)
Prerequisite: graduating seniors only.
A summative student examination regarding understanding and application of core curriculum content. Kinesiology students may opt for a professor-authorized research project in lieu of the Capstone assessment. [ET]

(LAT) Latin

LAT399 Latin I (3)
An upper division course serving as an introduction to the grammar, vocabulary, semantics, and interpretation of texts in Classical Latin. Daily readings, grammar lessons, translation, and vocabulary memorization. The goal is to prepare students to read basic Latin texts with some facility. Texts include Julius Caesar, Cicero, Martial, and the New Testament.

LAT499 Latin II (3)
An upper division course for students who have successfully completed Latin I or equivalent. Texts are specially selected to meet the needs and interests of those who would like to pursue the further study and perhaps teaching of Latin. Texts may include Virgil, Cicero, Ovid, Tacitus, Horace, Martial, Augustine, Aquinas, John Calvin, and other Reformers and Renaissance writers. Emphasis is on advanced grammar, vocabulary expansion, sight reading, and accurate translation of poetry and prose.

(LS) Biological Science

LS150 Essentials of Biology (3)
Concurrent with LS150L.
G.E.: fulfills LS150/GS150 science lecture requirement.
A general survey of major concepts in biological science including ecology, diversity of life, history of life, molecular and cell biology, genetics, human biology, animal biology, botany, and contemporary issues in bioethics. [SP]

LS150L Essentials of Biology Lab (1)
Concurrent with LS150.
G.E.: fulfills LS150/GS150 science lab requirement.
Lab fee: $100.
A hands-on laboratory study of the diversity of living organisms from the molecular-cellular level to organismal level. Studies of ecology, botany, zoology, bioethics, human biology, origins, and paleontology are also included. [SP]

LS151 Organismic Biology (3)
Concurrent with LS151L. Corequisite: CH151.
G.E. substitute: fulfills LS150/GS150 for Biological & Physical Science majors and Kinesiology majors.
The first course for biology majors, emphasizing biological life forms, their physiology, origins, and environmental relationships. 3-hour lecture. [FA]

LS151L Organismic Biology Lab (1)
Corequisite: CH151. Concurrent with LS151.
G.E. substitute: fulfills LS150L/GS150L for Biological & Physical Science and Kinesiology majors.
Lab fee: $100.
3-hour laboratory. [FA]

LS218 Tutorial Studies (1-3)
Prerequisite: permission of the instructor. Offered upon demand. May be repeated for credit with varying topics.
Lab fee possible.
This course will consist of topics not included in the regular curriculum. This course may be based upon independent studies, conferences, and the preparation of a term paper. The topic of the course will be announced prior to the term in which it is to be offered. See LS418. [OOD]

LS220 Research Methods Lab (1)
Prerequisite: Sophomore standing required.
An introduction to research writing with emphasis on the documentation and communication methods used in biological research. The student will be exposed to major aspects of scientific writing and presentation of scientific data, including library research, data analysis, evaluation of scientific writing, composition of a scientific paper and a prospective research proposal, and presentation of scientific data in a poster format. 1-hour lecture. [ET]

LS231 Human Growth and Development (3)
Directed study only. Same as BE302.
A study of human development across the lifespan from birth to death with emphasis on the physical, cognitive, emotional, and social aspects of human life. [FA]

LS241 Ecology and Environmental Science (3)
Concurrent with LS241L.
This course will introduce the principles of environmental systems and ecology, including the abiotic/biotic interactions of biogeochemical cycles and energy transformations, symbiotic relationships, natural selection, population and community ecology, biodiversity and sustainability, and the dynamics and ethics of global change. An introduction to natural resources and their management including ecosystem services will be included. 3-hour lecture. [FA]

LS241L Ecology and Environmental Science Lab (1)
Concurrent with LS241.
Lab fee: $100.
3-hour laboratory. [FA]

LS252 Cell Biology (3)
Prerequisites: CH151 and LS151. Concurrent with LS252L.
The molecular basis for the various structures and physiological functions of prokaryotic and eukaryotic cells. Topics include membrane structure-function, cellular energetics, receptors, and cell-cell communication. 3-hour lecture. [SP]

LS252L Cell Biology Lab (1)
Prerequisites: CH151 and LS151. Concurrent with LS252.
Lab fee: $100.
3-hour laboratory. [SP]

LS302 Comparative Anatomy (3)
Prerequisite: LS151 or LS375. Concurrent with LS302L.
A study of vertebrate animal comparative anatomy and systematics with a focus on both living and extinct forms. 3-hour lecture. [SP]

LS302L Comparative Anatomy Lab (1)
Prerequisite: LS151 or LS375. Concurrent with LS302.
Lab fee: $100.
The laboratory will include dissections of various animals. 3-hour laboratory. [SP]

LS307 Biology of Dinosaurs (3)
A study of dinosaurs including their fossil record, systematics, origins, biology, and behavior. Discussion will focus on controversies related to the proposed evolution of birds from dinosaurs and the reason for dinosaur extinction. [3-4]

LS312 Animal Physiology (3)
Concurrent with LS312L.
Animal physiological systems and regulatory mechanisms are studied in the context of various types of ecosystems. Consideration is given to regulatory adjustments to seasonal and environmental variations within an ecosystem. 3-hour lecture. [SP]

LS312L Animal Physiology Lab (1)
Concurrent with LS312.
Lab fee: $100.
The laboratory is a research-oriented study of the physiological adjustments of invertebrates and amphibians in seasonal streams and in the lab. For all biology students with specific relevance to students who choose the Environmental Biology emphasis or those interested in veterinary medicine. 3-hour laboratory. [SP]

LS318 Conservation Biology & Sustainability (3)
Prerequisite: LS341. Concurrent with LS318L.
This is a comprehensive study of ecological legal issues and the stewardship of sustainability of ecological quality of life and diversity. The bulk of the laboratory will be outdoors. 3-hour lecture. [OOD]

LS318L Conservation Biology & Sustainability Lab (1)
Prerequisite: LS341. Concurrent with LS318.
Lab fee: $100.
The bulk of the laboratory will be outdoors. 3-hour laboratory and field work. [OOD]

LS321 Human Anatomy (3)
Prerequisite: LS150 or LS151. Recommended: LS252. Concurrent with LS321L.
A study of human micro and gross anatomy from a systematic approach. 3-hour lecture. [FA]

LS321L Human Anatomy Lab (1)
Prerequisite: LS150 or LS151. Recommended: LS252. Concurrent with LS321.
Lab fee: $100. Textbook fee: $15.
The laboratory consists of the use of human models, cats, mammalian body parts, and human histology slides. 2½-hour laboratory. [FA]

LS322 Human Physiology (3)
Prerequisite: LS150 or LS151. Recommended: LS252. Concurrent with LS322L.
An integrated study of the functions of the human body systems in the context of homeostatic control and disease conditions. 3-hour lecture. [SP]

LS322L Human Physiology Lab (1)
Prerequisite: LS150 or LS151. Recommended: LS252. Concurrent with LS322.
Lab fee: $100. Textbook fee: $15.
The laboratory involves clinical applications to the health sciences. 3-hour laboratory. [SP]

LS331 Developmental Biology (3)
Prerequisite: LS252. Concurrent with LS331L.
Students become familiar with the stages of fertilization and the early developmental patterns of representative animals. Emphasis is placed on the genetic basis of differential gene expression during the various stages of development. 3-hour lecture. [FA]

LS331L Developmental Biology (1)
Prerequisite: LS252. Concurrent with LS331.
Lab fee: $100.
The lab involves microscopic examination of prepared serial slides of frog, chick, and pig embryos at various stages of development. 3-hour laboratory. [FA]

LS332 Population Genetics (3)
Concurrent with LS332L.
Classic Mendelian genetics and non-Mendelian genetics are covered in the context of populations in their natural environment. Genetic variations within populations are studied in detail. Modern molecular genetics are used in identification of pure lines and population interactions. 3-hour lecture. [SP]

LS332L Population Genetics Lab (1)
Concurrent with LS332.
Lab fee: $100.
The laboratory involves the study of Drosophila melanogaster populations and identification of allelic frequencies in successive generations and non-Mendelian interactions. 3-hour laboratory. [SP]

LS341 Ecology (3)
Prerequisites: LS150 or LS151. Concurrent with LS341L.
The study of organisms in relation to the environmental complex (the composition, dynamics succession, and growth of plant and animal communities) including field study. 3-hour lecture. [SP]

LS341L Ecology Lab (1)
Prerequisites: LS150 or LS151. Concurrent with LS341.
Lab fee: $100.
3-hour laboratory. [SP]

LS342 Genetics and Genomics (3)
Prerequisite: LS252. Concurrent with LS342L.
Serves as an introduction to Mendelian, non-Mendelian, and modern molecular genetics. Topics covered include but are not limited to fundamental aspects of inheritance; bacterial and viral genetics; chromosomal linkage and mapping; genome, proteome, and exome analysis; DNA structure and metabolism; and gene expression. 3-hour lecture. [FA]

LS342L Genetics and Genomics Lab (1)
Prerequisite: LS252. Concurrent with LS342.
Lab fee: $100.
The lab includes experiments in transduction, conjugation, transformation, plasmid prep, restriction analysis, cloning, polyacrylamide and agarose gel electrophoresis, and others. 3-hour laboratory. [FA]

LS346 Marine Biology (3)
Prerequisite: LS151. Concurrent with LS346L.
This course will cover an introduction to oceanography, marine organism diversity, and ecological relationships. The student will be exposed to contemporary techniques for studying marine ecosystems, especially community relations. 3-hour lecture. [OSP]

LS346L Marine Biology Lab (1)
Prerequisite: LS151. Concurrent with LS346.
Lab fee: $100.
3-hour laboratory. [OSP]

LS348 Biological Field Studies (3-4)
Prerequisite: LS341.
Lab fee: $100, if taken for credit.
The topics for this course are usually taken from wildlife biology, conservation biology, freshwater biology, and marine biology depending upon demand. It also includes courses taught at the Au Sable Institute of Field Biology. The course may be repeated for credit with different topics. 3-hour lecture. [OOD]

LS351 Molecular Genetics (3)
Prerequisite: LS342. Concurrent with LS51L.
A lecture course that covers nucleic acid structure, replication, and metabolism. The course focuses particular attention on various aspects regarding the regulation of gene expression both in prokaryotes and eukaryotes, including examinations of epigenetic factors involved in gene regulation. Additionally, attention is given to the theory and underlying principles for many of the popular techniques used in studying DNA/RNA, gene regulation, and expression. 3-hour lecture. [SP]

LS351L Molecular Genetics Lab (1)
Prerequisite: LS342. Concurrent with LS351.
Lab fee: $100.
3-hour laboratory. [SP]

LS352 Medical Physiology (3)
Prerequisite: LS252.
Designed for pre-medical, pre-dental, and pre-veterinary students. The course starts with aspects of cellular physiology, particularly cell transport and osmosis, then endocrine physiology with particular attention paid to cell-surface receptors and second messenger pathways. The physiology of each of the following systems is covered: neural, skeleto-muscular, cardiovascular, respiratory, renal/acid-base, gastrointestinal, and reproductive. Particular attention is given to the regulation of these systems and their integration into a functioning whole. Computer simulations of various physiological processes involving these systems are performed. 3-hour lecture. [SP]

LS355 Parasitology (3)
Prerequisite: LS151. Concurrent with LS355L.
This course will provide an overview of parasitology, focusing on community ecology and epidemiology. This course will explore the mechanisms of parasite biology, ecology, and infection. The course will also explore the techniques used to characterize parasites and will provide information on origins of disease. 3-hour lecture. [EFA]

LS355L Parasitology Lab (3)
Prerequisite: LS151. Concurrent with LS355.
Lab fee: $100.
3-hour laboratory. [EFA]

LS361 Immunology (3)
Prerequisite: LS252. Concurrent with LS361L.
Topics include the adaptive and innate immune systems and cell biology of cells and tissues involved in immunity, immunogenetics, antibody structure-function, immunotechniques, complement, autoimmunity, tolerance, and tumor immunology. 3-hour lecture. [FA]

LS361L Immunology Lab (1)
Prerequisite: LS252. Concurrent with LS361.
Lab fee: $100.
3-hour laboratory. [FA]

LS362 Medical Microbiology (3)
Concurrent with LS362L.
The classification, cultivation, physiology, growth, morphology, genetics, and economic significance of microorganisms, with special emphasis on the pathogenic bacteria. 3-hour lecture. [SP]

LS362L Medical Microbiology Lab (1)
Concurrent with LS362.
Lab fee: $100.
3-hour laboratory. [SP]

LS372 Origins (3)
An introduction to the classical and modern concept of evolution with critical discussion of proposed mechanisms involved and with evaluation of special creation and other alternative origins positions. [SP]

LS375 Vertebrate Paleontology (3)
Prerequisite: LS151. Concurrent with LS375L.
This course provides an overview of the vertebrate fossil record, focusing on paleontology methods, vertebrate relationships, and paleoecology. Through the duration of this course, students will learn about how vertebrate fossils change through the geologic column, and they will learn about the major groups of extinct and extant vertebrates including dinosaurs. 3-hour lecture. [EFA]

LS375L Vertebrate Paleontology Lab (1)
Prerequisite: LS151. Concurrent with LS375.
Lab fee: $100.
The lab involves observing and handling fossils. 3-hour laboratory. [EFA]

LS381 Neurobiology (3)
Prerequisites: LS252, Concurrent with LS381L.
A study of the biological mechanisms underlying the nervous system. Students will learn about the structure and function of neurons and their organization into functional circuits that control the processing of information and mediate behavior. This course will cover the anatomy, physiology, chemistry, and development of the nervous system. Topics will include sensory systems, learning and memory, and various neurological diseases. 3-hour lecture. [FA]

LS381L Neurobiology Lab (1)
Prerequisite: LS252. Concurrent with LS381.
Lab fee: $100
In the lab students will examine the nervous system's structure by viewing prepared slides and through dissections. Students will also explore neural circuits that control behavior in animal and human models. 3-hour lab. [FA]

LS387 Special Topics in Plant Sciences (2-4)
Prerequisite: Junior standing.
Lab fee: $100.
Basic principles, processes, and theories of the topic being presented. Possible topics include medicinal plant biology, economic botany, herbaceous plants, or specific taxonomic plant groups. Instruction is by lecture, lab, class project, or combination. This course may be repeated for credit with varying topics. 3-hour lecture and 3-hour laboratory. [3-4]

LS387G Special Topics: Logic (3)
The goal of this course is the "training of the mind," but from a biblical perspective, one of the foundational principles of the first Universities. This course is designed to acquaint the students in the sciences, specifically Biological Sciences, with the proper use of the mind. The biblical focus will promote a proper perspective of the mind which safeguards against idolization yet promotes its renewal. Included in this course are [1] a brief discussion of theology (to establish the proper guardrails for the mind), [2] a deep dive into logic (to develop the proper rules for reasoning), [3] a scan on the history of science (to observe the Christian influence on the development of modern science), and [4] an analysis of modern science [to critique the current trends]. [3-4]

LS387H Special Topics in Developmental Biology (1)
Pre-requisite: LS252.
Students become familiar with the stages of fertilization and the early developmental patterns of representative animals. Emphasis is placed on the genetic basis of differential gene expression during the various stages of development. 3-hour lecture. Prerequisite: LS252, Instructor Approval. [3-4]

LS387I Special Topics: Plants of the Bible (1)
Prerequisite: Student must be a senior in good standing majoring in Pre-Med or Biology.
Photograph as many of the plants that are mentioned in the Bible as possible and write the Bible verse(s) where the plant is mentioned and a brief description of each plant as well as what the plant may be used for in Israel particularly back in biblical times. [3-4]

LS387J Special Topics: Dental Studies (1)
This course is designed to encourage students who are suitable candidates to consider dentistry as a career. It is composed of a series of lessons specifically designed to be interesting and supportive and covers a range of subjects with which future dentists and medics should be familiar, and will prepare them for the application process of applying to professional schools. The accompanying text book, "Why Dentistry", written especially for the course has chapters covering the dental specialties and how to shadow in a dental office, what dental education entails, how the profession is changing, it lists famous dentists and their contributions, the great discoveries that have transformed the profession, the history of dentistry and a careful explanation of why dental care is so important. The lessons also underscore those aspects of the present general degree on which attention should be focused to obtain maximum advantage for future studies.

LS388 Mathematical Ecology (3)
Prerequisites: MA121 and LS151.
Organisms in dynamic relationships to their ecosystems over successive generations are studied in the context of mathematical models. Principles of ecology are interwoven throughout the course. This is the first course of a series in mathematical biology. [OOD]

LS392 Bioinformatics (3)
Prerequisites: LS342 and MA260. Concurrent with LS392L.
Statistics and computer analysis tools and their application to molecular data analysis. 3-hour lecture. [SP]

LS392L Bioinformatics Lab (1)
Prerequisites: LS342 and MA260. Concurrent with LS392.
Lab fee: $100.
3-hour laboratory. [SP]

LS398 Plant Science (3)
Concurrent with LS398L.
A study of plant biology with emphasis on growth, development, and physiology in an ecological and agricultural context, including the study of soils, plant pathogens, and pests. 3-hour lecture. [OOD]

LS398L Plant Science Lab (1)
Concurrent with LS398.
Lab fee: $100.
The lab provides opportunities for hands-on application of concepts through the use of basic plant science research and production practices. 3-hour laboratory. [OOD]

LS399 Au Sable Institute Field Biology Courses (3)
These courses are taken in the summer and Winterim at the Au Sable campuses (Mancelona, Michigan; Whidbey Island, Washington; and other locations). The numbers below are from the Au Sable catalog.

a. Biol/Geol/Geog 301 Land Resources (4)
b. Biol/EnvSt/Geog 362 Environmental Applications for Geographic Information Systems (GIS) (4)
c. Other course listed in the Au Sable catalog

Certifications are available to TMU biology majors through Au Sable: Naturalist, Land Resources Analyst, Water Resources Analyst, Environmental Analyst, and Stewardship Ecologist. See advisor for more information. [SPC]

LS418 Tutorial Studies (1)
Prerequisite: permission of the instructor. Offered upon demand. May be repeated for credit with varying topics.
Lab fee possible.
This course will consist of topics not included in the regular curriculum. This course may be based upon independent studies, conferences, and the preparation of a term paper. The topic of the course will be announced prior to the term in which it is to be offered. [OOD]

LS420 Senior Seminar in Biology (1)
Prerequisite: senior standing.
Designed to give students the experience in presenting a scientific study to an audience of their peers. Students prepare and present two professional oral presentations to students and faculty. Presentations can include topics of chemistry, biochemistry, cell biology, molecular biology, ecology, population biology, evolution, origins, or wildlife biology. Information for the presentation is derived from reading the primary literature in these areas and choosing a primary research paper as the focus of the presentation. Alternatively, a student may present original laboratory research they have done at TMU or during a summer research project. The presenter must do background literature research for their topic and be able to address questions asked by the class or professor. [FA]

LS422 Senior Capstone (1)
Designed to review major concepts that are foundational to the life sciences. It also serves as a prelude to the major field exam given toward the end of the semester. [SP]

LS428 Research in Biology (1-4)
Prerequisite: Instructor approval.
Lab fee: $100.
Library and laboratory study on various topics in contemporary biology to be selected. Report required. [OOD]

LS490 Internship in Science (1)
Prerequisite: Instructor Approval.
Internship (1-4) Prerequisites: junior or senior standing and instructor's consent. Provides an applied biology-related learning experience in a supervised work environment. The course is 1 unit for every 60 hours of work.

(MA) Mathematics

MA078 Basic Mathematics (1)
This course covers the nature of numbers and fundamentals of operations, an introduction to geometry, solving consumer applications, and algebra. This course does not count toward a degree and is graded on a Pass/Fail basis. [OOD]

MA098 Intermediate Algebra (1)
This course covers further studies in linear equations and inequalities, rational expressions, roots and radicals, systems of equations, and functions and their graphs: polynomial, rational, exponential, and logarithmic. This course is intended for those who need a refresher course before enrolling in ACC210, BUS310, and/or MA101. This course does not count toward a degree and is graded on a Pass/Fail basis. [OOD]

MA101 College Algebra (2)
G.E. substitute: fulfills MA240 when MA102 also taken.
Prerequisite: Two years of high school algebra, successful completion of MA098, or instructor approval.
A standard algebra course covering functions and their graphs, polynomial and rational functions, exponential and logarithmic functions, and other topics in preparation for MA121 Calculus I. [FA]

MA102 Trigonometry (1)
G.E. substitute: fulfills MA240 when MA101 also taken.
Prerequisite: Two years of high school algebra, successful completion of MA098, or instructor approval.
A standard trigonometry course covering radians and degrees, the standard trigonometric functions, graphs of trigonometric functions, trigonometric identities, basic trigonometric formulas, and other topics in preparation for MA121 Calculus I. [SP]

MA121 Calculus I (3)
G.E. substitute: fulfills MA240.
Prerequisite: MA101 and MA102 or a passing score on the Calculus Placement Test.
The first semester of a unified course, this class covers basic analytic geometry, limits, continuity, differentiation, applications of the derivative, antiderivatives, and the definite integral and its applications. [ET]

MA122 Calculus II (3)
Prerequisite: MA121.
The second semester of a unified course, this class covers differentiation and integration of exponential, logarithmic, and trigonometric functions; additional integration techniques; numerical methods; indeterminate forms; improper integrals; infinite sequences; and series.

MA201 Mathematics for Elementary School Teachers (3)
School of Education course.
This course provides basic mathematical competency for future teachers at the elementary school level. Emphasis is placed upon problem solving and understanding the principles underlying mathematical concepts. This course is strictly intended for liberal studies majors seeking to meet content specific requirements in mathematics. Content will cover how to teach mathematics to elementary students and include Number Sense, Computational Tools and Procedures for the Four Operations, Patterns and Functional Relationships, and Measurement and Geometry. [SP]

MA221 Calculus III (3)
Prerequisite: MA122.
The third semester of a unified course, this class covers such topics as vectors, calculus on vector-valued functions, functions of several variables, partial differentiation, and multiple integration.

MA222 Calculus IV (2)
Prerequisite: MA221.
The fourth semester of a unified course, this class covers topics in advanced vector analysis including vector fields, line integrals, Green's Theorem, surface integrals, the Divergence Theorem, and Stokes' Theorem.

MA231 Linear Algebra (3)
Prerequisite: MA122.
A course on the theory of linear equations and vector spaces. Topics to be covered include linear equations, matrices, determinants, vectors, real vector spaces, eigenvalues, eigenvectors, and linear transformations. [FA]

MA240 Critical Thinking & Quantitative Analysis (3)
An interdisciplinary course designed to provide the student with the analytical tools and concepts for dealing with practical "everyday" problems. Emphasis is placed on developing critical, analytical thinking and reasoning skills in the context of quantitative and logical applications. Topics covered may include logic, fallacies, abuse of numbers and percentages, problem-solving techniques, financial calculations, statistics, correlation, the normal distribution, probability, and mathematics in the arts and politics. [ET]

MA253 Discrete Mathematics (3)
Prerequisites: junior or senior standing, or instructor's approval.
This course is a study of discrete structures commonly used in computer science and mathematics, including topics from sets and relations, permutations and combinations, graphs and trees, induction, recursion, and Boolean Algebras.

MA260 Elementary Statistics (3)
G.E. substitute: fulfills MA240.
Prerequisite: MA101 or equivalent.
This is a general course in elementary statistics dealing with the collection, organization, display and inferential techniques of modern data analysis. Topics covered may include descriptive statistics, bivariate data, probability distributions, sampling distributions, and common hypothesis tests. [ET]

MA282 Ordinary Differential Equations (3)
Prerequisites: MA221 and MA231.
This course covers the forms and solutions of many different types of ordinary differential equations and their applications in the sciences. [SP]

MA302 Introduction to Mathematical Proof (3)
Prerequisite: MA221.
A practical introduction to formal mathematical proof emphasizing preparation for advanced study in mathematics. Special attention is paid to reading and building proofs using standard forms and models within the context of specific examples. [SP]

MA311 Probability and Statistics for Engineers (3)
Prerequisite: MA221.
This course is an introduction to fundamental concepts and applications of probability and statistics in engineering, with a focus on how these concepts are used in experimental design and sampling, data analysis, risk and reliability analysis, and project design under uncertainty. Topics may include basic probability concepts, random variables, analytical probability distributions, functions of random variables, estimating parameters from observation data, regression, and hypothesis testing.

MA344 Modern Geometry (3)
Prerequisite: MA302.
This course covers finite geometries, modern Euclidean geometry, constructions, non-Euclidean geometries, and other topics in geometry. [ESP]

MA355 Number Theory & the History of Mathematics (3)
Prerequisite: MA302.
This course is designed to acquaint the student with the widely known theorems, conjectures, unsolved problems, and proofs of number theory. In addition, the history of mathematics, from the beginning of recorded civilization to the present, will be covered. Topics may include divisibility, primes, congruences, Diophantine equations, and arithmetic functions. [EFA]

MA365 Probability (3)
Prerequisite: MA222, MA302.
A general course in elementary probability theory. Topics to be covered may include the normal distribution, random variables, uni- and multi-variate probability distributions, and the Central Limit Theorem. [EFA]

MA366 Mathematical Statistics (3)
Prerequisite: MA365.
This class covers the mathematical foundations and some applications of statistical methods. Statistics make possible decision making based on the collection, tabulation, analysis, and interpretation of quantitative and qualitative data. Topics covered will include sampling and estimation techniques, consistency, unbiasedness, maximum likelihood, confidence intervals, hypothesis-testing, type I and II errors, likelihood ratio tests, test for means and variances, regression and correlation, Chi-square tests, decision theory, and nonparametric statistics. This class assumes some prior knowledge of probability theory. [OSP]

MA383 Complex Analysis (3)
Prerequisite: MA302.
This course is an introduction to complex analysis. Topics to be covered may include complex numbers, analytic functions, elementary functions, integrals, Laurent series, residues, poles, and applications of residues. [OOD]

MA400 Mathematics Seminar (2)
Prerequisite: MA302.
A lecture/discussion course reviewing recent articles appearing in mathematical journals accessible to undergraduate mathematics majors. May be repeated for credit. This course is a capstone integrative course. [ET]

MA412 Integrated Review (1)
Prerequisite: senior standing in Mathematics.
A comprehensive review of the undergraduate mathematics curriculum for the purpose of preparing students for standardized examinations, such as the CSET (for prospective teachers), the GRE (for prospective graduate students), actuarial examinations (for prospective actuaries), and the senior subject examination in mathematics. This course is a capstone integrative course. [SP]

MA425 Mathematical Modeling (3)
Prerequisite: MA282.
This course covers the application of mathematical tools to enlighten and solve selected problems in the "real world." Areas may include economics, finance, life sciences, computer science, and physics. [EFA]

MA438 Real Analysis I (3)
Prerequisite: MA302.
The first semester of a unified course, this class covers topology in real space, the axioms of the real numbers, sequences, limits, continuity, convergence, and differentiation. [OOD]

MA448 Real Analysis II (3)
Prerequisite: MA438.
The optional second semester of a unified course, this class covers the Riemann integral, the inverse and implicit function theorems, integration, and other advanced topics of calculus. This course is recommended for those students who are interested in pursuing graduate studies in mathematics. [OOD]

MA453 Abstract Algebra I (3)
Prerequisite: MA302.
The first semester of a unified course, this class covers groups, homomorphisms, factor groups, isomorphisms, and free groups. [OFA]

MA458 Abstract Algebra II (3)
Prerequisite: MA453.
The optional second semester of a unified course, this class will cover rings, factor rings, fields, ideals, factorization, extension fields, automorphisms, and elementary Galois Theory. This course is recommended for those students who are interested in pursuing graduate studies in mathematics. [OOD]

MA463 Numerical Analysis (3)
Prerequisites: MA282 and MA302.
This course presents the basic techniques for the efficient numerical solution of problems in science and engineering. Topics covered may include solutions of equations in one variable, interpolation and polynomial approximation, numerical differentiation and integration, differential equations, and solving linear systems. [OFA]

MA482 Topics in Mathematics (3)
Prerequisite: instructor approval.
This course will consist of selected topics to be chosen by the professor. Since the content of this course changes each year, it may be repeated once for credit. [SP]

MA498 Tutorial Studies in Mathematics (1-3)
Prerequisite: instructor approval.
Individual study under the guidance of a faculty member. May by repeated once for credit. [OOD]

(ME) Mechanical Engineering

ME112 Theology of Technology (2)
Same as ECE112.
Prerequisites: None. Corequisites: None.
Theology of technology discusses technology from the biblical worldview, including topics such as the purpose, limits, guidelines, and etc. of technology. Also Included are discussions on doctrines including creation, image of God, Trinity, and etc.

ME211 CAD & SolidWorks (3)
Prerequisites: None. Corequisite: ME211L.
Introduction to computer aided design. Students will learn to use a solid modeling design system for the purpose of creating their own designs. Design methods and techniques will be studied through development of increasingly complex devices. Each student is expected to design a device of his/her own choosing. Students master SolidWorks in order to realize their designs.

ME211L CAD Lab (1)
Prerequisites: None. Corequisite: ME211.
Laboratory to accompany ME211. The laboratory helps students use SolidWorks software to create components and assembly designs. Each student has a project of a chosen, established design to accomplish utilizing SolidWorks.

ME301 Statics & Mechanics of Materials (3)
Prerequisites: MA122, PS251. Corequisite: ME301L.
This course covers the statics of particles, the response of rigid objects in equilibrium to applied forces, and fundamentals of mechanics of deformable bodies. Topics include vector description of forces and moments, free body diagrams, frictional forces, centroids, area moments of inertia, and distributed loads. Analysis of the stresses and deformations in structures, including axial loading of bars, torsion of circular rods, bending of beams, shearing loads, and problems with combined loadings.

ME301L Statics Lab (1)
Prerequisites: See ME301. Corequisites: ME301.
Laboratory to accompany ME301. Introduces students to fundamental concepts in statics, equilibrium of forces, and mechanical testing of materials. Students learn about friction, reaction forces, deformation of bars, plates and trusses, stress and strains, as well as the basic components of a computerized data acquisition system and how these systems are used in mechanical testing. Students also gain experience using a testing machine to determine basic mechanical properties of a range of materials, including metals, woods, composites, and elastomers. They do experiments to evaluate the behavior of bars and plates under various types of loading.

ME302 Dynamics (3)
Prerequisites: ME201. Corequisite: ME302L.
An introduction to dynamics and vibrations of mechanical systems. Topics covered include vector functions and fundamental laws of Newtonian Mechanics, force-momentum formulations for systems of particles and rigid bodies in planar motion, work-energy concepts, impulse-momentum, force analysis, and mechanical vibration. Students become familiar with Lagrange's equations for systems of particles and rigid bodies in planar motion, and linearization of equations of motion. After this course, students will be able to evaluate free and forced vibration of linear mechanical systems and matrix eigenvalue problems.

ME302L Dynamics Lab (1)
Prerequisites: See ME302. Corequisite: ME302.
A laboratory to accompany ME302. Investigates the dynamic properties of systems. Both linear and rotary systems are investigated. Students learn about inertia, centrifugal forces, Coriolis effect, various mechanisms, as well as gear trains and free and forced vibration of systems.

ME311 Thermodynamics (3)
Prerequisites: ME302. Corequisites: None.
Covers concepts and principles of thermodynamics using an engineering approach. Topics include conservation of mass, energy, and entropy balance; thermodynamic laws; the properties, equations of state, and processes and cycles for reversible and irreversible thermodynamic systems. Thermodynamic principles are applied to modern engineering systems and processes including cyclic processes used for power generation and refrigeration.

ME312 Heat Transfer (3)
Prerequisites: ME301 and MA282. Corequisites: None.
Introduces temperature and the flow of heat, and the analysis of principal heat transfer modes, such as conduction, natural and forced convection, and radiation. Both steady-state and time-varying situations are considered. Also introduces industrial applications of heat transfer such as heat exchangers, waste heat recovery, and steam generators in a nuclear plant or in a gas turbine electrical generator.

ME321 Machine Design (3)
Prerequisites: ME302, ME211. Corequisites: None.
Covers the conversion of one type of motion to another, including not only motion type and direction but rotational speed and torque. Examines fundamentals of machine design, including analysis and design of mechanical components. Begins with a review and further development of stress analysis (statics). Covers shafts, fasteners, belt and chain drives, brakes, gears, springs, and bearings. Includes predicting static and fatigue failures for various loadings and materials.

ME322 Design & Manufacturing (3)
Prerequisites: ME302. Corequisites: ME322L.
Examines the design of parts, components, or products for a specific manufacturing method. Presents the study of manufacturing processes, including interrelationships between materials, the manufacturing process, and the design of components. Interpretation of experimental data, comparison of measurements to numerical/analytical predictions, and formal engineering report writing.

ME322L Manufacturing Project (2)
Prerequisites: See ME322. Corequisites: ME322.
Practical, hands-on experience with topics covered in ME322.

ME331 Fluid Mechanics (3)
Prerequisites: ME302, ME282. Corequisites: None.
Introduction to fluid properties, fluid statics and dynamics, and fluid flow. Topics include pressure, hydrostatics, and buoyancy; open systems and control volume analysis; mass conservation and momentum conservation for moving fluids; viscous fluid flows, flow through pipes; dimensional analysis; boundary layers, and lift and drag on objects. Students formulate the models necessary to study, analyze, and design fluid systems and develop problem-solving skills essential to engineering fluid mechanics in practical applications, such as propulsion systems, aerodynamics, and piping systems.

ME351 Robotics (3)
Prerequisites: Engineering majors only.
The students will learn about designing robots, building circuits, using sensors to direct robot behavior, controlling robots remotely, and programming robots to perform specific tasks and functions.

ME401 Finite Element Analysis (2)
Prerequisite: ME211 and Senior standing.
Finite element analysis (FEA) is a computational method used to evaluate a mechanical or machine design. It is a simulation method used to predict how a mechanical part or assembly behaves under given conditions, thus reducing the need for physical prototypes in product design while enabling the exploration of many potential designs. The method is applied for linear and nonlinear analyses of solid, structural or heat transfer problems. Steady-state, transient, and dynamic conditions are considered. This course is a very practical one. The students will learn to use a specific software (Ansys) and they will acquire the skills necessary to perform various types of analyses by case study.

ME490 Internship (3)
Prerequisite: Instructor's consent.
Internship experience can be awarded credits based on factors such as the number of hours worked, the relevancy of the job description, and completion of reports and presentations.

ME492A Senior Design Project (1)
Prerequisite: Senior Standing
This senior design course is designed to integrate the field of mechanical engineering into a biblical worldview, including the ethical issues relating to the field, and provide students the opportunity to demonstrate their accumulated knowledge by designing, testing, and documenting a real system.

ME492B Senior Design Project B (2)
Prerequisite: ME492A
This senior design course is designed to integrate the field of mechanical engineering into a biblical worldview, including the ethical issues relating to the field, and provide students the opportunity to demonstrate their accumulated knowledge by designing, testing, and documenting a real system.

MGT299, 399, 499 Directed Studies in Management (1-3)
Prerequisite: permission of the department chairperson.
Opportunities for the student to pursue individual studies of interest in management at a high level of sophistication. Independent study and research will be encouraged. [SPC]

MGT310 Management Theory (3)
An examination of the fundamentals of managerial functions and the basic concepts and principles of modern management. Emphasis is placed on the interrelationships of planning, organizing, controlling, decision making, and accepted practices used in directing the activities of an organization in the achievement of desired objectives. [ET]

MGT321 Decision Science Fundamentals (3)
Prerequisite: ACC329 or CS270A, BUS310.
An overview of the scientific methods available to the managerial decision maker. Topics include linear programming, the transportation problem, queuing, simulation, project management, forecasting, facility location and layout, inventory control, quality assurance, and job design. [FA]

MGT330 Business Communications (3)
G.E. substitute: fulfills C100 for Business Administration, Entrepreneurship, Marketing Media, & Sport Management majors.
Presents comprehensive coverage of the major concepts and principles of the human communication process and analysis of the various forms of communication used by managers. The media of managerial communication include verbal delivery, as well as written letters, reports, memoranda, etc. [ET]

MGT335 Organizational Communication – Fundamentals (3)
School of Business & Communication degree(s): no prerequisites.
School of Online degree(s) prerequisites: BIB306 is a prerequisite for Organizational Management.
The principles of communication within an organization are presented. Effective communication methods, both oral and written, will be taught and practiced with an emphasis on using the proper communication method for any given situation. [EFA]

MGT336 Organizational Communication – Advanced (3)
School of Business & Communication degree(s): no prerequisites.
School of Online degree(s) prerequisites: BIB306 and MGT335 are prerequisites for Organizational Management.
This course continues to develop and advance the concepts and skills introduced in MGT335 Organizational Communication – Fundamentals. [OSP]

MGT345 Entrepreneurial Law (3)
This course provides an overview of the legal and regulatory environment affecting entrepreneurial firms in the United States. Topics include forms of business organization, contracts, torts and product liability, intellectual property, and discrimination and employment issues. Legal aspects of private equity investment and funding are also introduced. [EFA]

MGT351 Human Resource Management (3)
A study of the human factors in business, including the total employee-employer relationship: job analysis, selection, training, transfer, promotion, dismissal of employees, and industrial relations. [FA]

MGT409 Leadership Principles (3)
School of Business & Communication degree(s): junior or senior standing.
School of Online degree(s) prerequisites: BIB306 and MGT335 are prerequisites for Organizational Management.
This course provides an introduction to both secular and biblical examples of leaders and how Christian ethics make a difference in their leadership role. The student is confronted with organizational management issues faced by a manager in today's marketplace. The course assists students in conducting strategic analyses and making strategic decisions while emphasizing the ability to defend the recommendations that are made. [ET]

MGT411 Organizational Management (3)
A study of organizational structure, its processes and associated human behavior in a constantly changing environment. Management is presented in terms of the four major functions: planning, organizing, leading, and controlling. A comparison of organizational behavior and biblical principles are discussed. [FA]

MGT422 Business Strategy (3)
This course is designed to give students a comprehensive introduction to all primary business elements. In preparation for the MBA program, students are guided through the strategic process of business decision making. Students develop a cursory understanding of mission, vision, financial analysis, marketing, internal analysis, external analysis, decision making, ethics, and global issues. [SP]

MGT425 Entrepreneurial Marketing (3)
School of Business & Communication degree(s): MKT350, ACC210 or MGT435, and ENT300, and Junior or Senior status.
This course is an applied knowledge course where the situational analysis expected in class is nearly impossible without these foundational business courses having been completed. Any exception to this must be given by the instructor. [FA]
School of Online degree(s) prerequisites: BIB306 and MGT335 are prerequisites for Organizational Management.
Basic marketing theory and terminology in a global environment are presented. Students will have the opportunity to analyze real-world cases, explore domestic and international situations and problems, identify and evaluate critical marketing data, and present their solutions to complex global marketing issues. [EFA]

MGT430 Technology & Organizational Decision Making (3)
School of Online degree prerequisites: BIB306 and MGT335.
With the rapidly changing landscape of how businesses function and the communication between them, this course seeks to provide the foundational understanding necessary to making timely decisions in the midst of changing landscapes and resources. [ET]

MGT435 Finance & Managerial Accounting (3)
School of Business & Communication degree(s): no prerequisites.
School of Online degree(s) prerequisites: BIB306 and MGT335 are prerequisites for Organizational Management.
Fee: $130 (access to the electronic textbook for the course).
Financial concepts and tools for the organizational manager are presented. The objectives of the course are to study and understand the general concepts of financial and management accounting, to understand these concepts in relation to "real world" organizational activities, and to learn how to perform analytical functions essential to successful organizational management. [EFA]

MGT439 Ministry Administration Practicum (1)
Through the process of observing and interviewing ministry administrators, the student seeks to discover the job descriptions, routines, attitudes, difficulties, and rewards inherent in Christian ministry administration. [SPC]

MGT461 Innovation Lab (3)
School of Business & Communication degree(s): no prerequisites.
School of Online degree(s) prerequisites: Must be taken as the last course in the Organizational Management degree program.
This course is used to finalize preparation of the student's curriculum portfolio and to measure the student's academic achievement in the Organizational Management subject matter. The course requires students to take knowledge learned in the OM curriculum and construct a viable action plan that could be used for the capitalization of a small business start-up or buyout. The overall objective is that the students develop the knowledge and skills necessary to own and/or operate a small company that effectively uses biblical principles and Christian ethics that honor the Lord. This would also be practical for students conducting an operational/organizational business plan within their existing corporation. [FA]

(MGT) Management - Graduate Level

MGT510 Organizational Behavior (3)
School of Online degree(s) only. Prerequisite: BUS510.
A study of current organizational design and management theory and practices. Students will apply these concepts to complex real-life organizational scenarios.

MGT520 Contemporary Issues in Business (3)
School of Online degree(s) only. Prerequisite: BUS510.
Covers macroeconomic issues relevant to conducting business at the national level and globally. Students will wrestle with such concerns as Maintaining Free Markets, Capitalism, Socialism, and current social and international issues impacting business from a biblical and economic perspective to navigate topics pertinent to today's business and social climate.

MGT530 Business Management (3)
School of Online degree(s) only.
This course provides the knowledge, skills, and values needed for proper managerial decision making. Both foundational and advanced management concepts are explored in depth. Students will also participate in a management simulation exercise, which will enable them to put management concepts into practice at a high level.

MGT550 Operations Management (3)
School of Online degree(s) only. Prerequisite: BUS510 and BUS530.
Students learn operational and decision-making methods to quantitatively optimize business processes.

MGT590 Leadership (3)
School of Online degree(s) only. Prerequisite: This course must be taken as the last course in the online MBA program.
The course is a study of the knowledge, skills, and exceptional traits possessed by successful leaders. This course includes a capstone experience in which the students apply what they have learned to the study of business cases and simulations of business situations.

(MIS) Management Information Systems - Graduate Level

MIS510 Information Technology Management (3)
School of Online degree(s) only. Prerequisites: BUS510.
A critical overview of the design, application, and assessment of information systems. Students also learn effective practices for the management of information technology specialists.

(MKT) Marketing

MKT350 Marketing Fundamentals (3)
Prerequisite: At least Sophomore standing.
An introduction to marketing management in relation to the total business environment. Involves a study from the conception of the idea for goods or services to its ultimate utilization by the consumer with emphasis on major decision areas and tools. [ET]

MKT361 Marketing Strategy (3)
Prerequisite: MKT350.
This course provides students the opportunity to leverage the marketing, managerial, and analytical tools that he/she has acquired in making strategic marketing decisions. The course will emphasize contemporary marketing best practices and provide students the opportunity to generate marketing products. [FA]

MKT371 Digital Marketing (3)
This class will give students a theoretical understanding of the internet marketplace that is necessary to adapt to its many changes, while also equipping them with the skills they'll need to perform vital daily functions. These functions include SEO, web analytics, SEM, Online Advertising, and online brand reputation management. [FA]

MKT372 Marketing in Sport (3)
This course will cover the marketing and economic issues relating to professional sports teams and leagues, Olympic and World Cup sporting events, as well as intercollegiate sports. Additional attention will be devoted to interscholastic and youth (club) sports. This course will examine the special nature of sport marketing as well as strategic marketing management as it relates to understanding the sport consumer. Market research and data analytics in the sport industry will be studied for their relationship to market segmentation and target marketing as these relate to various sport products and sporting events. Additional attention will be focused on the importance of branding, managing sport brands and the implications for public relations especially as it relates to sponsorship/corporate partnerships, and the important roles of activation and return on investment. The end objective of this course will be to understand and appreciate the key role a study of marketing, quality communication and positive public relations plays in the effective operation of sports businesses. [SP]

MKT381 Consumer Behavior (3)
This course uses a multidisciplinary approach to understand, explain, and predict consumer behavior with the intent of leveraging this knowledge to make informed marketing decisions. The course will also include an examination of behavior-based marketing decisions from an ethical perspective. [FA]

MKT462 Sales & Customer Service (3)
Prerequisite: MKT350, at least Junior standing.
This course identifies and develops key sales and customer service skills by discovering customer wants and needs through effective relationship building, clear communication (emphasizing listening), product knowledge, presentation marketing, and closing strategies. The course will also cover related subjects such as developing strong negotiating and persuasive skills and the importance of being authentic when developing an effective winning sales presentation. [ET]

MKT482 Marketing Research (3)
Prerequisites: BUS310 and MKT350.
This course provides students with the skill set necessary to conduct professional market research, perform appropriate statistical analyses on research data, and communicate research results. Special emphasis will be placed on research related to price points, new products and services, demographics, and target markets. [SP]

MKT488 Marketing Internship (3)
Prerequisites: Junior or senior standing and permission of the department chairperson.
An on-site work experience that gives the student practical training in specific business techniques and their applications. Evaluation will be made by the work supervisor and a member of the Business Department faculty. [OOD]

(MKT) Marketing - Graduate Level

MKT561 Marketing Strategy (3)
School of Online degree(s) only. Prerequisites: BUS510.
An introduction to foundational marketing concepts followed by a study of advanced and cutting-edge techniques.

MKT563 Consumer Engagement (3)
School of Online degree(s) only.
This course explores the science of consumer engagement. Students will study foundational and advanced strategies to connect brands with consumers to help build trust, loyalty and mutual value. Grounded in a biblical worldview, students will learn to create campaigns that align with the principles of integrity and stewardship.

(MU) Music

MU105 Songwriting (1)
Fee: $50 (course materials).
An introduction to song writing for non-music majors. Topics covered will include basic music theory, selecting or writing a good text and setting it to appropriate music, and song structuring. Designed for those who would like to be able to write down a song or worship music and future pastors who desire to work more knowledgeably with their worship leaders and church musicians. The ability to play a musical instrument is helpful but not required.

MU108 Music Fundamentals (2)
Fee: $35 (keyboard maintenance).
Course designed for the non-music major. Provides basic knowledge of the elements of music, including melody, chords, and rhythm. Requires no prior instruction in music.

MU121 Computer-Assisted Notation (1)
Fee: $125 (software, lab maintenance).
An introductory course designed to ensure that students can use computer-assisted notation programs proficiently to accomplish notation tasks and produce printed (digital) scores.

MU131 Piano Foundations I (1)
Prerequisite: instructor permission.
Fee: $100 (course materials, keyboard maintenance).
This course facilitates the development of functional piano skills for the non-keyboard music major. Special emphasis will be given to the areas of keyboard theory and technique, sight reading, solo/ensemble repertoire, and creative activities (harmonization, improvisation).

MU132 Piano Foundations II (1)
Prerequisite: MU131 or instructor permission.
Fee: $100 (course materials, keyboard maintenance).
Continues development of the skills begun in MU131.

MU141A Music Theory I (3)
MU141B Aural Skills I (1)
Fee: $40, $25 (course materials, keyboard maintenance).
Designed for the music major. Study of the fundamentals of music including proper notation procedures, scales, keys, intervals, rhythm, and melody. In addition, study of chord construction with emphasis on four-part writing and analysis of harmonic progressions involving diatonic triads and non-harmonic tones; melodic, rhythmic and harmonic dictation; and sight singing. Class meets 5 hours weekly.

MU142A Music Theory II (3)
MU142B Aural Skills II (1)
Prerequisite: MU141A, B.
Fee: $40, $25 (course materials, keyboard maintenance).
Further harmonic study including diatonic seventh chords; secondary dominants; leading-tone chords; modulation; binary and ternary form; popular music symbols; melodic, rhythmic, and harmonic dictation; and sight singing. Class meets 5 hours weekly.

MU150 Staff accompanist (0)
Fee: $70 (30 min./week for 4 weeks), $190 (30 min./week for 12 weeks), or $370 (60 min./week for 12 weeks).
This course is intended for students who are required to work with staff accompanists as a part of their individual instruction studies. Various section numbers corresponding with different pianists and course fees are available. This course is 0 units.
MU150A
MU150B
MU150C
MU150D
MU150E
MU150F
MU150G
MU150H
MU150J

MU160 Individual Instruction (1)
All music majors must also register for MU390 Performance Practicum.
Fee: $505
Private lessons in performance areas as listed below. Six hours of instruction for 1 unit. May be repeated for credit. Areas of instruction:
MU160A Piano: Individual Instruction (2)
MU160B Voice: Individual Instruction (2)
MU160C Organ: Individual Instruction (2)
MU160D Guitar: Individual Instruction (2)
MU160E String Bass: Individual Instruction (2)
MU160F Flute: Individual Instruction (2)
MU160G Oboe: Individual Instruction (2)
MU160H Clarinet: Individual Instruction (2)
MU160I Saxophone: Individual Instruction (2)
MU160J Bassoon: Individual Instruction (2)
MU160K Trumpet: Individual Instruction (2)
MU160L Horn: Individual Instruction (2)
MU160M Trombone: Individual Instruction (2)
MU160N Euphonium/Tuba: Individual Instruction (2)
MU160O Percussion: Individual Instruction (2)
MU160P Violin: Individual Instruction (2)
MU160Q Conducting: Individual Instruction (2) *Prerequisites: MU271, MU476.*
MU160R Harp: Individual Instruction (2)
MU160S Cello: Individual Instruction (2)
MU160T String Bass: Individual Instruction (2)
MU160U Harpsichord: Individual Instruction (2)
MU160V Viola: Individual Instruction (2)
MU160W Composition: Individual Instruction (2)
MU160X Alexander Technique: Individual Instruction (2)
MU160Z Euphonium: Individual Instruction (2)
Other areas may be added as needed.

MU170 Class Instruction (1)
Fee: $85 (class accompanist).
Small class (≤ 8) instruction in performance areas of voice, piano, or other areas. Designed for the student with little or no previous private training. May be repeated once for credit.
MU170C Class Voice
MU170F Class Guitar *Fee: $50 (course materials, instrument maintenance).*

MU181 Introduction to Music Education (1)
Fee: $30 (course materials).
Orientation and introduction course designed to encourage students interested in the teaching profession. Field observations in public school music classrooms are included.

MU190 Essentials of Music & Art (3)
Fee: $30 (course materials, keyboard maintenance.)
An overview of music and art in Western civilization. Integrates culture, philosophy, and history and helps the student to articulate a biblically-based philosophy of music and art. Includes segments on hymnology and worship, as well as concert and museum attendance. For non-music majors.

MU221 Digital Audio Workstation (DAW) Basics (1)
Fee: $100 (software and lab maintenance).
An introductory course facilitating basic student understanding of digital music technology including MIDI, sequencing, audio recording, and sampling using Logic Pro and other Digital Audio Workstations (DAWs).

MU223 Audio Engineering I (3)
Fee: $125. (software, studio and lab maintenance).
Exploration of the basics of sound, acoustics, sound systems, and basic audio repair techniques that prepares students for Dante certification. Includes system processors and signal processing, building a live mix, and producing live sound for worship, theater, concert, and corporate events.

MU231 Piano Foundations III (1)
Prerequisite: MU132 or instructor permission.
Fee: $100 (course materials, keyboard maintenance).
Continues development of the skills taught in MU132.

MU232 Piano Foundations IV (1)
Prerequisite: MU231 or permission.
Fee: $100
Continues development of the skills taught in MU231, with added emphasis in accompanying and instrumental, vocal, and choral score reading.

MU241A Music Theory III (3)
MU241B Aural Skills III (1)
Prerequisite: MU142A.
Fee: $40, $25 (course materials, keyboard maintenance.)
Study of advanced harmonic materials, including borrowed chords, the Neapolitan sixth and augmented sixth chords, enharmonic spellings, and enharmonic modulations. Study of variation technique, analysis of large forms such as sonata allegro and rondo form, written analysis, aural recognition, composition, and keyboard performance. Class meets 5 hours weekly.

MU242A Music Theory IV (3)
MU242B Aural Skills IV (1)
Prerequisites: MU241A, B.
Fee: $40, $25 (course materials, keyboard maintenance.)
Further study of altered dominants and chromatic mediants; ninth, eleventh, and thirteenth chords; and expanded tonal materials. Study of contrapuntal practices of the sixteenth and eighteenth centuries with analysis, writing assignments, and applications to linear aspects of twentieth century music. Study of modes, scalar materials, and extended techniques used in Impressionism and other post-tonal styles, and analysis and original composition using these devices. Class meets 5 hours weekly.

MU251: Pro Tools Fundamentals I/II (101/110) (3)
Fee: $200.
A comprehensive introduction to using the Pro Tools system for audio production that prepares students for the AVID Certified User exam.

MU260.1 Half Recital, Junior (1)
Fee: $150 (piano tuning, audio recording).
A 25-minute recital given either in the fall of the junior year by performance majors or in the spring of the senior year for other music degrees. Permission to give a recital must be acquired the previous semester, and the program and/or pre-recital jury must be approved before the recital date.

MU260.2 Half Recital, Senior (1)
Fee: $150 (piano tuning, audio recording).
A 25-minute recital generally given in the senior year by non-performance majors as required. Permission to give a recital must be acquired the previous semester, and the program and/or pre-recital must be approved before the recital date. Students qualified to substitute a project for the recital must register for MU490, Senior Capstone Project.

MU264 Lighting Visual Prod for Church Contexts (1)
Fee: $125
Introduction to principles and techniques of lighting and visual design, emphasizing ways to enhance settings for gathered worship.

MU271 Basic Conducting (2)
Prerequisite: MU141A, B.
Fee: $50 (music scores, keyboard maintenance).
Basic study of song-leading and conducting patterns and styles through practical experience in the classroom, using hymns and choral materials.

MU283 Diction for Singers: IPA, English (2)
Fee: $50 (course materials).
Study of the International Phonetic Alphabet and singing in English.

MU284 Diction for Singers: Italian, German, French (2)
Fee: $30 (course materials).
Study of singing diction in Italian, German, and French languages using the International Phonetic Alphabet.

MU295 Music & Art for Musicians (3)
Prerequisite: BM student, Music major or minor, or instructor approval.
G.E. substitute: fulfills MU190 for Music majors and minors.
Fee: $30 (course materials, keyboard maintenance).
Establishes a foundation in music and art in Western Civilization. Relates music and art to culture, philosophy, and history and helps the student develop a biblically based philosophy of music. Includes segments on American music and Non-Western music. Requires concert and art museum attendance. Serves as an introduction to the Music History and Literature sequence (MU393/394).

MU300 Doxology (1)
Corequisites: MU310, MU320.
Fee: $150.
Auditioned group rehearsing under faculty supervision. May be repeated for credit.

MU310 University Singers (0.5)
Fee: $30 (choral scores).
Preparation and performance of major oratorio and other selected works each semester. Meets once weekly. Open to all students. No auditions. May be repeated for credit.

MU310O University Orchestra (0.5)
Fee: $30 (orchestral scores).
Preparation and performance of major oratorio and other selected works each semester. Meets once weekly. Open to all students. May be repeated for credit.

MU313 Percussion Techniques (1)
Fee: $100 (instrument maintenance).
Basic elements of playing percussion instruments related to teaching school. Areas studied are rudiments, techniques, teaching strategies and analysis, manufacturer overview, and maintenance of percussion instruments.

MU314 Woodwind Techniques (1)
Fee: $100 (instrument maintenance).
Basic elements of playing woodwind instruments related to school teaching. Areas studied are performance skills, literature, teaching strategies and analysis, and maintenance of woodwind instruments.

MU315 Brass Techniques (1)
Fee: $120 (instrument maintenance).
Basic elements of playing brass instruments related to school teaching. Areas studied are performance skills, literature, teaching strategies and analysis, and maintenance of brass instruments.

MU316 String Techniques (1)
Fee: $75 (instrument maintenance).
Basic elements of playing string instruments related to school teaching. Areas studied are fingering positions, bowings, teaching strategies and analysis, maintenance, and literature of string instruments.

MU320 The Master's Chorale (1)
Corequisite: MU310.
Fee: $125 (choral scores).
Concert choir of 50 to 60 voices. Membership is open to all students by audition with the director. Strong emphasis on concert chorale literature of varied eras and styles. Area concerts and spring tour, with tours to Israel every four years. May be repeated for credit.

MU321 Opera (1)
Fee: $50 (opera scores, keyboard maintenance).
A semester project that concludes in a staged production. Performances range from selected opera scenes in concert setting to fully staged and costumed shows accompanied by orchestra. Open to all students by audition. May be repeated for credit.

MU322 Synthesis and Sound Design (1)
Prerequisite: MU221.
Fee: $125 (software, lab maintenance).
Using Digital Audio Workstations (DAWs), a course emphasizing the technique and theory of sound design, sampling, and synthesis using programs such as MAX and Ableton Live to create and manipulate sounds.

MU323 Biblical Theology of Worship (2)
Prerequisites: B101, B102, B121, B201, B202 (or instructor permission).
Fee: $30
Traces worship in Scripture from creation to the new creation, with special attention to gathered worship in Ancient Israel and in the Church, in order to glean biblical principles governing corporate worship.

MU324 Forming and Rehearing Worship Teams (2)
Fee: $25 (course materials).
Acquaints students with current worship band practices and trends, and provides an understanding of worship ministry technologies, including scheduling and charting resources. Team member selection, organization, rehearsals, discipleship, and relationships will also be discussed.

MU326 Game Audio (1)
Prerequisite: MU251.
Fee: $75 (software and lab maintenance).
Introduces the core skills, workflow, and concepts involved in creating and implementing game audio. Includes basic sound design techniques along with example workflows. Session time is divided between demonstration and hands-on practice, with ample time to experiment with sample material.

MU330 Concert Attendance (0-0.5)
Attendance at a specified number of concerts. Required concerts include a combination of on- and off-campus concerts. Pass/fail.

MU333 Worship and Songs of the Church (3)
Same as BMN333.
G.E. substitute: fulfills MU190 for Biblical Studies majors.
Prerequisite: junior or senior standing or instructor permission.
Fee: $30 (course materials).
Traces the thread of worship from early Hebrew times to the present. Explores the varied paradigms of worship and reasons why we worship as we do. Presents the historical development of psalms, hymns, and spiritual songs.

MU334 Music Leadership and Administration (2)
Fee: $10 (course materials).
Addresses current changes in church music and teaches organizational and leadership skills for the music ministry of a church. Focuses on a commitment to the preeminence of Scripture and Christ-centered worship, advocating that hymns, praise songs, and all music of the church must support the Word of God and remain the servant of our faith. Covers philosophy of church music, praise teams, choirs, congregational singing, special programs, equipment and materials, and working with the music committee and pastoral staff.

MU335 Designing Worship Services (3)
Prerequisites: BMN/MU333.
Fee: $50
Resources and procedures for planning biblically faithful thematic corporate worship services for multigenerational and specialized contexts (i.e., for children, youth, seniors, etc.).

MU336 Italian for Singers (2)
Fee: $40 (course materials).
A one-semester course focused on grammar and vocabulary for translation rather than for conversation. Offered every other spring in odd-numbered years. Open to all students.

MU340 Wind Ensemble (1)
Fee: $65 (wind ensemble scores).
The instrumental performance ensemble for wind and percussion musicians that is open to all students through audition. Designated to provide the wind and percussion instrumentalist opportunities to study, rehearse, and perform a variety of wind band literature composed for accomplished wind and percussion ensembles. May be repeated for credit. Other auditioned ensembles, which may be repeated for credit, include:
MU340B Brass Ensemble (1)
MU340C Chamber Orchestra (1)
MU340F Flute Ensemble (1)
MU340G Guitar Ensemble (1)
MU340H Handbell Ensemble (1) No audition required.
MU340I Piano Ensemble (1)
MU340J Jazz Improvisation Band (1)
MU340P Percussion Ensemble (1) *Fee: $30*
MU340S String Ensemble (1)
MU340W Woodwind Ensemble (1)

MU346 Stage Training (1)
Fee: $30 (course materials).
A beginning study of improvisational techniques for the stage. Very interactive class structure.

MU347 Music Charting (2)
Prerequisite: MU142A.
Focused study of the creation and realization of musical charts for worship and popular contexts.

MU354 Pro Tools Production I (Pro Tools 201) (2)
Prerequisite: MU251.
Fee: $200 (AVID Pro Tools software and certification fees)
Building on Pro Tools Fundamentals I and II (Pro Tools 101/110), this course covers the core concepts and skills needed to operate an Avid Pro Tools Ultimate system with HD-series hardware in a professional studio environment.

MU355 Intro to Audio Mixing and Mastering (2)
Prerequisite: MU354.
Fee: $100 (AVID Pro Tools software and certification fees)
Introduction to mixing and mastering audio for multiple genres and platforms.

MU356 Teaching Piano Internship I (2)
Prerequisite: MU385 and instructor permission. Corequisite: MU386.
Fee: $35 (updating/maintaining piano pedagogy resource center).
This course offers students an opportunity to observe a weekly 45-minute group piano class of beginning-level students and to teach a private piano lesson with supervision. Weekly meetings address topics such as lesson planning, promoting parent/teacher/student relationships, and organizing recitals and other performance opportunities.

MU357 Music Business Operations (2)
Fee: $30 (course materials).
An intensive study of business practices as they pertain to the music industry.

MU358 Pro Tools Production II (Pro Tools 210M) (2)
Prerequisite: MU354.
Fee: $200 (AVID Pro Tools software and certification fees).
Builds on the Pro Tools Fundamentals and Pro Tools Production II courses (MU251 and MU354), providing intermediate and advanced-level Pro Tools concepts and techniques for using an Avid Pro Tools Ultimate system with HD-series hardware in a professional studio environment.

MU360 Individual Instruction (2)
Fee: $1,010
All music majors must also register for MU390 Performance Practicum.
Private lessons in performance. One hour lesson per week for 2 unit. May be repeated for credit.
MU360A Piano: Individual Instruction (2)
MU360B Voice: Individual Instruction (2)
MU360C Organ: Individual Instruction (2)
MU360D Guitar: Individual Instruction (2)
MU360E String Bass: Individual Instruction (2)
MU360F Flute: Individual Instruction (2)
MU360G Oboe: Individual Instruction (2)
MU360H Clarinet: Individual Instruction (2)
MU360I Saxophone: Individual Instruction (2)
MU360J Bassoon: Individual Instruction (2)
MU360K Trumpet: Individual Instruction (2)
MU360L Horn: Individual Instruction (2)
MU360M Trombone: Individual Instruction (2)
MU360N Tuba: Individual Instruction (2)
MU360O Percussion: Individual Instruction (2)
MU360P Violin: Individual Instruction (2)
MU360R Harp: Individual Instruction (2)
MU360S Cello: Individual Instruction (2)
MU360T Electric Bass: Individual Instruction (2)
MU360U Harpsichord: Individual Instruction (2)
MU360V Viola: Individual Instruction (2)
MU360W Composition: Individual Instruction (2)
MU360W Composition: Individual Instruction (2)
MU360Z Euphonium: Individual Instruction (2)

MU364 German for Singers (2)
A one-semester course focused on grammar and vocabulary for translation rather than for conversation. Offered every other spring in even-numbered years. Open to all students.

MU366 Tonal Counterpoint (2)
Prerequisite: MU242 and instructor approval.
A study of and practice in the materials and methods of polyphonic harmony. Primary stress is placed on the practices of the 18th century.

MU367 Improvisation & Worship Piano (2)
Prerequisites: MU142A and MU160A/360A.
Fee: $35 (keyboard maintenance).
Exploration of stylistic piano playing in a variety of contexts including both historically informed and contemporary improvisation and chord chart realization.

MU374 Functional Keyboard Skills (2)
Fee: $50 (course materials, keyboard maintenance).
Designed to give the advanced keyboard student greater fluency in the arts of sight-reading, improvisation, and accompanying.

MU375 Sound Design for Film (Atmos) (3)
Prerequisite: MU355.
Fee $125 (studio maintenance).
Introduction to Foley and sound design for film including mixing in stereo, 5.1, 7.1, and Dolby Atmos formats.

MU381 Live Sound Reinforcement (3)
Prerequisite: MU251
Fee: $125 (equipment maintenance).
Introduction to the technical aspects of sound reinforcement in live performance including front of house and house engineering.

MU385 Piano Pedagogy I (2)
Prerequisites: MU141A and MU142A.
Fee: $30 (updating/maintaining piano pedagogy resource center).
An introduction to teaching beginning-level piano lessons, including a summary of methods with practical direction on the administration of a piano studio. This course highlights the observation and discussion of beginning-level piano teaching.

MU386 Piano Pedagogy II (2)
Prerequisite: MU385 and instructor permission.
Fee: $40 (updating/maintaining piano pedagogy resource center).
An introduction to teaching intermediate-level piano lessons, including an overview of available materials and an introduction to leveling repertoire. This course highlights the observation and discussion of intermediate-level piano teaching.

MU390 Performance Practicum (0-0.5)
Fee: $50 (piano tuning, guest clinicians).
Regularly scheduled meetings involving student performances in recital or studio settings as well as career-focused meetings with area professionals. Provides a time for combined performances for all instruments and acquaints the student with a breadth of literature beyond his/her own study.

MU393 Music History & Literature I (3)
Prerequisite: MU295 (or instructor permission).
Fee: $30 (course materials, keyboard maintenance).
A study of the history and literature of Western music from ancient times through the Baroque period.

MU394 Music History & Literature II (3)
Prerequisite: MU295 (or instructor permission).
Fee: $30 (course materials, keyboard maintenance).
A study of the history and literature of Western music from the Classical period through the modern period.

MU396 World Music (3)
Fee: $35 (course materials, instrument maintenance).
A multidisciplinary study of peoples around the world and their music. Identifies various people groups geographically and culturally and defines the role of music in their religion, daily lives, and history. Introduces indigenous musical instruments, performance practices, and a visit to a non-Western musical instrument museum. Includes attendance requirement at ethnic (non-Western) music concerts.

MU404 Recording Techniques (3)
Prerequisite: MU251.
Fee: $100 (studio maintenance).
Introduction to analog sound recording using inline consoles, tape machines, and other analog gear (e.q, compressors, limiters, and preamps).

MU406 Popular Music Since 1900 (3)
Fee: $50 (course materials, keyboard maintenance).
A survey of popular music from 1900 to the present, covering composers, performers, styles, and major works.

MU414 Instrumental Methods (2)
Fee: $10 (course materials).
This course enables instrumental students to gain a greater understanding and working knowledge to become successful teachers of instrumental music in K-12 schools. Detailed discussion of each performing group, concert band, marching band, jazz band, and orchestra investigates recruiting, grading, planning, organizing, seating, rehearsal techniques, full score analysis, literature, discipline, fundamental marching techniques, and public relations.

MU416 Teaching Music in the Elementary & Secondary School (3)
Fee: $40 (course materials).
The cornerstone course for Music Education students. Covers a survey of materials, teaching strategies, school year calendar projection, Music Standards, course offerings, lesson planning, booster clubs, and philosophies of vocal, general, and instrumental music programs found in elementary through senior high schools. At least 9 classroom hours of observation/fieldwork are required.

MU421 Directed Studies (1-3)
Prerequisite: permission of the school dean.
Intensive study in a selected area of music.

MU426 Audio Engineering II (3)
Prerequisite: MU223
Fee: $100 (equipment maintenance)
A continuation of MU223, exploration and application of analog recording techniques and audio electronics repair for gear used in live and studio sessions.

MU428 Choral Methods (2)
Fee: $25 (choral scores).
A broad survey of choral repertoire from Gregorian chant to present-day compositions. Emphasis is placed upon knowing the availability and sources of music and of appropriateness for the church and school. Includes a plan for the establishment of the graded music program with special attention given to methods and materials. Field experience required.

MU431 Music Components & Techniques for Elementary Teachers (3)
School of Education course.
Prerequisite: ED202 or ED301.
Fee: $50 (course materials, instrument maintenance).
Students in this course will explore the components of music and its integration into the academic disciplines of visual arts, language arts, social studies, science, and mathematics. Students will have hands-on experiences with music and simple musical instruments, and will create lessons for the elementary classroom. This course is not for music majors. Enrollment limited to Liberal Studies: Elementary Education majors, unless approved by instructor. [FA]

MU435 Vocal Literature (2)
Fee: $30 (course materials, keyboard maintenance).
Performance and study of vocal literature from all the major periods. Purpose is to survey as much literature as possible to study the development of vocal music and its use for teaching purposes, as well as recital preparation.

MU436 Vocal Pedagogy (3)
Fee: $30
Prerequisite: instructor permission.
The science and art of training the singing voice. Vocal anatomy, resonance, breath support, registration, acoustics, expression and teaching methodologies will be explored as well as applied within observed teaching experience.

MU440 Collaborative Keyboard (0-1)
Designed for pianists who accompany student recitals and other performances. Does not meet as a class but provides credit for student accompanists. Requires accompanying a minimum of two students, a junior or senior recital, or a performing ensemble. Must have approval of the piano faculty. May be repeated for a maximum of 4 credits.

MU443 20th Century Analysis (2)
Prerequisite: MU242A.
Fee: $30 (course materials, keyboard maintenance).
An analytical survey of 20th century composition techniques.

MU445 Arranging (2)
Prerequisite: MU241A.
Fee: $100 (professional performers studio recording).
Equips students with compositional skills and techniques that facilitate arranging music in both vocal and instrumental genres from a range of style periods and sources to fit diverse needs and levels.

MU448 Overseas Music Missions Trips (3)
Fee: $10 (course materials).
Background and biblical history of Israel given as preparation for The Master's University Chorale's concert tour as guests of the Israeli Ministry of Tourism. Offered once every four years in the spring semester as a part of the concert tour.

MU453 Teaching Piano Internship II (2)
Prerequisite: MU356 and instructor permission.
Fee: $35 (updating/maintaining piano pedagogy resource center).
This course offers students an opportunity to teach a weekly 45-minute group piano class of beginning level students and to teach a private piano lesson with supervision. Weekly meetings address topics such as lesson planning, promoting parent/teacher/student relationships, and organizing recitals and other performance opportunities.

MU454 Teaching Piano Internship III (2)
Prerequisite: MU453 and instructor permission.
Fee: $35 (updating/maintaining piano pedagogy resource center).
Continuation of MU453.

MU455 Pro Tools Post Production (210P) (3)
Prerequisite: MU354.
Fee: $200 (AVID Pro Tools software and certification fees)
The PT210P Pro Tools Production II (Post Production) course focuses on techniques for using Pro Tools in a professional post production environment. Concepts and skills learned in the Pro Tools Fundamentals I and II and Pro Tools Production I courses (MU251 and MU354) are reinforced with practical and post-specific examples.

MU460 Full Recital (2)
Fee: $300 (piano tuning, audio recording).
A 55-minute recital given in the spring of the senior year by performance majors. Permission to give a recital must be acquired the previous semester, and the program and/or pre-recital jury must be approved at least one month before the recital date.

MU460E Senior Project for Music Production (2)
Fee: $1,010 (supervision, equipment maintenance).
Final project incorporating audio content, such as sound for a short film or music video, sound recording, and post-production, etc.

MU473 Advanced Piano Literature (2)
Fee: $30 (keyboard maintenance).
Performance and study of keyboard literature from early Baroque to the present. Purpose is to survey as much literature as possible to study development of keyboard music and its use for teaching purposes.

MU474 Orchestration (2)
Prerequisite: MU242A.
Fee: $100 (professional performers, studio recording).
The instruments: ranges and limitations. Scoring for sections and full orchestra. The church orchestra.

MU476 Advanced Conducting (2)
Prerequisite: MU271.
Fee: $30 (course materials).
Advanced techniques in choral and instrumental conducting, including score analysis, transpositions, and listening skills with ensembles.

MU477 Instrumental Pedagogy (1)
Fee: $505.
Survey of methods and literature as they apply to an instructor in a specific instrument.

MU478 Instrumental Literature (1)
Fee: $505.
Performance and study of literature for the specific instrument from early stylistic periods to the present. The purpose is to survey as much literature as possible to study the development of music for the instrument as well as to study its use for teaching purposes.

MU482 Senior Seminar in Music (2)
Fee: $30 (course materials, examination fees).
A course for graduating seniors that correlates music history, literature, and theory, with a writing component expressing the student's philosophy of life from the Christian perspective. Emphasizes leadership and encompasses the wide-sweeping expectations of the profession. Includes preparation for the major field exam, career possibilities, and an exit interview. Combines with the recital requirement to provide a capstone course.

MU483 Piano Pedagogy III (2)
Prerequisite: MU386.
Fee: $30 (updating/maintaining piano pedagogy resource center).
An introduction to teaching piano lessons within a group setting (whether adult, average age, or pre-school) by examining the approaches of various music educators and by comparing examples of group piano methods.

MU484 Piano Pedagogy IV (2)
Prerequisite: MU483.
Fee: $30 (updating/maintaining piano pedagogy resource center).
A course on current pedagogy topics, ranging from the use of technology in the classroom to approaches to teaching technique, sight reading, improvisation, and composition, as well as directed readings in piano pedagogy.

MU490 Senior Capstone Project (1)
Fee: $505 (supervision).
In lieu of a recital in the senior year, a student may give a culmination project that showcases understanding and synthesis of a musically interesting topic through both written and presentation components. The student must acquire permission to complete a project from the music faculty two semesters prior to the semester in which the project will be completed. Only available to certain degree programs/areas of emphasis.

MU494 Worship Internship (1)
Prerequisite: Music and Worship major or instructor permission.
Fee: $50 (supervision).
A supervised experience in which the student observes, works with, and then is observed and evaluated by church pastoral leadership. Three (in different contexts) required for Music and Worship majors.

MU498 Internship in Audio Technology (2)
Fee: $50 (supervision).
A supervised experience in which students work in a commercial studio and are observed and evaluated by a professional technician.

(OLP) Online Program

OLP101 Essentials of TMU Online (3)
Students are required to complete this course as a part of their first session enrolled. Essentials of TMU Online provides an essential and comprehensive orientation to our university, equipping you with the knowledge and skills necessary to succeed as an online learner.

P212 Introduction to Logic (3)
The principles and techniques of correct thinking, including the scientific method of deriving truth by induction from observation as well as by deduction from given premises. The aim is to discipline the student in soundness of reasoning, sifting of evidence, and recognition of superficialities and fallacies in the thinking of others.

P311 Essentials of Philosophy (3)
A survey of the field of philosophy: its vocabulary, aims, and purposes; the great systems of speculative thought; and the leading thinkers.

P321 History and Philosophies of Education (3)
School of Education course.
Prerequisite: ED202, junior status.
G.E. substitute: fulfills P311 for English Education, History Education, Liberal Studies: Elementary Education, Liberal Studies: Special Education, Life Sciences Education, Mathematics Education, and Music Education majors.
This course is a survey of varying philosophical ideologies and their subsequent impact on educational theory and practice. This course has a dual purpose: first, to introduce students to the major Western philosophical thinkers and their systems; and second, to make application of those ideas to the field of education. The course has both a theoretical and applied component while providing an historical context of education in the United States. [ET]

P367 Ethics (3)
Same as BCW367.
A survey of the main approaches to ethics; issues in personal ethics, such as moral responsibility, decision making, honesty, and conscience; and topics in special ethics such as war, abortion, euthanasia, genetic engineering, and church-state relations. [3-4]

(POL) Political Studies

POL220 U.S. Government (3)
A survey of United States institutions and processes. Included are such topics as the Constitution, federalism, Congress, the presidency, the judiciary, and civil rights.

POL325 Political Parties & Elections (3)
American political parties: their history, structure, operation, and impact on the American electoral process.

POL326 Introduction to American Politics (3)
A general overview of the important fields of study and seminal works in American politics.

POL333 The Presidency (3)
A study of the presidency and various schools of thought concerning the president's role and powers. Particular attention is paid to the constitutional presidency view vs. the modern presidency view.

POL334 Congress (3)
A study of the United States Congress; its members, functions, and procedures; and its relationship with other elements of the governmental system and processes.

POL435 Introduction to Constitutional Law (3)
General principles of federal and state constitutional law, powers of the national government, and federal-state relations. A study of the leading decisions of the United States Supreme Court.

POL336 Political Communication (3)
May count as a communication elective. Same as C336.
A study of the various media and their impact on politics. Particular emphasis on television, political cartoons, and propaganda.

POL343 U.S. Constitutional History (3)
Same as H343.
A broad survey of U.S. Constitutional history beginning with the influences of English Common Law and colonial constitutional practices to the present Roberts Court. Case law will be integrated within the historical contexts so that students will understand the interrelatedness between American history and jurisprudence.

POL353 U.S. Diplomatic History (3)
Same as H353.
A survey of U.S. foreign relations events, policies, and policy-makers from the colonial era to the present. Geopolitics since WWII receives extra emphasis to facilitate an understanding of the context for contemporary international relations.

POL354 The Christian & Politics (3)
Same as BCW354.
A biblical approach to Christian citizenship and activity. Emphasis on general and specific biblical principles and their application to contemporary issues, including an introduction to various viewpoints.

POL364 Introduction to Criminal Justice (3)
A study of the philosophy, history, and theories of the criminal justice system, including the roles and functions of the local, state, and federal jurisdictions. A study of the theories, functions, and interrelationships among criminal justice agencies, crime causation, correctional theory, and analysis and social impact of crime.

POL365 Western Political Philosophy I (3)
An in-depth study of the foundational works of classical political philosophy: Plato's Republic and Aristotle's Politics and Nicomachean Ethics.

POL366 Western Political Philosophy II (3)
An in-depth study of the major modern political philosophers and their thought from Machiavelli through the social contract theorists to Marx.

POL393 Introduction to Political Research (3)
Prerequisite: Political Studies majors only.
A basic introduction to the appropriate methods, procedures, and sources for political research and writing.

POL423 Law and Public Policy (3)
An examination of the dynamics of the national judicial system, with emphasis on the Supreme Court as a working institution, the politics of selecting judges, external influences on the courts, internal procedures of decision-making, and relations with other political institutions.

POL425 Criminal Law (3)
An introduction to the historical development, philosophy, and basic legal concepts of criminal law. The course includes an examination of constitutional provisions, legal research, legal analysis, and the functioning of criminal law as a social force. It also includes a detailed examination of legal definitions, classifications of law, penalties, criminal intent, parties to a crime, defenses to crime, and a brief introduction to laws of arrest and judicial procedure.

POL426 The Judicial Process (3)
An examination of American political culture and its dynamics through selected current issues in law with an emphasis on their effect on policy formation and implementation.

POL433 Criminal Procedure and Evidence (3)
Origin, development, philosophy, and constitutional basis of evidence, constitutional procedural considerations affecting arrest, search and seizure; kinds of and degrees of evidence and rules governing admissibility; judicial decisions interpreting individual rights and case studies. Coverage emphasizes the Fourth Amendment's limitations on unreasonable searches and seizures. The Fifth Amendment's Due Process Clause and Self-Incrimination Clause, as well as the Sixth Amendment Right-to-Counsel clause, are also studied.

POL435 Introduction to Constitutional Law (3)
General principles of federal and state constitutional law, powers of the national government, and federal-state relations. A study of the leading decisions of the United States Supreme Court.

POL444 The Supreme Court & the Bill of Rights (3)
An in-depth study of the evolution of the Bill of Rights and its effect upon individual rights and federal and state law enforcement.

POL445 The Church as a Legal Institution (3)
A survey of statutory and case law related to the institution of the church, its members, and leaders. Includes church discipline and the law, church finances and the law, the first amendment and the church, and more.

POL455 Christian Political Thought (3)
Same as BCW455.
A study of major Catholic and Protestant political ideas from Augustine and Aquinas through the Reformers. Analysis stresses comparison of each with Scripture.

POL464 Machiavelli (3)
An in-depth study of the political philosophy and influence of Niccolo Machiavelli, including detailed analysis of The Prince and Discourses on Livy.

POL466 The Federalist Papers (3)
An in-depth study of the seminal work of American political thought, The Federalist Papers.

POL473 American Political Thought I (3)
A study of important American political ideas from the Puritans through the Founding period.

POL474 American Political Thought II (3)
A study of important American political ideas from the Jeffersonian era to the present.

POL488 Directed Study in Politics (1-3)
Prerequisite: permission of the instructor.
Intensive study of a selected area under direction of a political studies faculty member.

POL489 Internship (15)
Opportunity to spend a semester in Washington, D.C. with the American Studies Program. Seminars on selected topics and field experience working in a professional environment. Requires application to the American Studies Program.

POL492 Senior Seminar in Political Studies (3)
Capstone course for senior students in political studies, emphasizing summary integration of a biblical worldview within the context of political studies, review of contemporary emphases in the discipline, and summary reinforcement and assessment of student learning.

(PS) Physical Science

PS211 College Physics I (3)
Prerequisite: MA101 (algebra-based physics). Concurrent with PS211L.
An algebra-based introduction to classical physics, including Newton's laws of motion, work, energy, power, conservation laws, and classical waves. 3-hour lecture. [FA]

PS211L College Physics I Lab (1)
Prerequisite: MA101 (algebra-based physics). Concurrent with PS211.
Lab fee: $100.
3-hour laboratory. [FA]

PS212 College Physics II (3)
Concurrent with PS212L.
An algebra-based continuation of PS211. Topics include electricity, magnetism, and optics. 3-hour lecture. [SP]

PS212L College Physics II Lab (1)
Concurrent with PS212.
Lab fee: $100.
3-hour laboratory. [SP]

PS231 Physical Science for Elementary Teachers (2)
Prerequisite: approval of instructor or School of Education.
A survey of topics from the physical sciences including areas of study relating to modern problems and advances in science and technology. This course is designed to meet the requirement for liberal studies students seeking a teaching credential. 3-hour lecture. [FA]

PS242 Earth Science (3)
A survey of the Earth as a planet in the Solar System and its interior, and a detailed study of its crust and atmosphere to serve as a broad-based course for liberal studies majors. [SP]

PS251 General Physics I (3)
Prerequisite: MA121 (calculus-based physics), (may be taken concurrently). Concurrent with PS251L.
A calculus-based introduction to classical physics including Newton's laws of motion, work, energy, power, conservation laws, and classical waves. 3-hour lecture. [FA]

PS251L General Physics I Lab (1)
Prerequisite: MA121 (may be taken concurrently). Concurrent with PS251.
Lab fee: $100.
3-hour laboratory. [FA]

PS252 General Physics II (3)
Prerequisites: MA121 and PS251. Concurrent with PS252L. Same as ECE202.
Lab fee: $100.
A continuation of PS251. Topics include electricity, magnetism, and optics. 3-hour lecture. [SP]

PS252L General Physics II Lab (1)
Prerequisites: MA121 and PS251. Concurrent with PS252.
Lab fee: $100.
3-hour laboratory. [SP]

PS261 Physical Science (3)
Prerequisite: Instructor approval from School of Education. Concurrent with PS261L.
A treatment of topics from the physical sciences to serve as a broad-based course for liberal studies majors. Course will cover a broad area of study relating to modern problems and advances in science and technology. 3-hour lecture. [FA]

PS261L Physical Science Lab (1)
Prerequisite: Instructor approval from School of Education. Concurrent with PS261.
Lab fee: $100.
3-hour laboratory. [FA]

PS338 Astronomy (3)
Concurrent with PS338L.
Lab fee: $100.
Methods of measurement and observation in astronomy are studied from a historical perspective. The solar, stellar, and galactic systems are studied in detail accompanied by observations. Various cosmological viewpoints and their underlying assumptions are presented. 3-hour lecture. [OOD]

PS338L Astronomy Lab (1)
Concurrent with PS338.
Lab fee: $100.
3-hour laboratory. [OOD]

(SP) Spanish

SP220A Introductory Spanish IA (2)
Designed to introduce the beginning student to the Spanish language. The curriculum will include the fundamentals of grammar, pronunciation, and conversation.

SP220B Introductory Spanish IB (2)
Designed to introduce the beginning student to the Spanish language. The curriculum will include the fundamentals of grammar, pronunciation, and conversation.

SP220C Introductory Spanish IC (2)
Designed to introduce the beginning student to the Spanish language. The curriculum will include the fundamentals of grammar, pronunciation, and conversation.

SP220D Introductory Spanish ID (2)
Designed to introduce the beginning student to the Spanish language. The curriculum will include the fundamentals of grammar, pronunciation, and conversation.

SP221 Spanish IA & IB (2, 2)
Designed to introduce the beginning student to the Spanish language. The curriculum will include the fundamentals of grammar, pronunciation, and conversation.

(SPM) Sport Management

SPM200 Introduction to Sport Management (3)
This course provides an overview of the various key elements of Sport Management. Students will learn the importance of creating a professional perspective and a leadership mindset. Legal, political, and financial/economic concepts will be covered as they relate to youth sports up through the professional sports ranks. Additional study will cover facility development/management, event management, and the role of data analytics and research in the sporting industry. [ET]

SPM210 History, Sociology & Psychology of Sport (3)
This course provides an overview of the field of Sport Management Studies from a threefold perspective of the historical roots of sport as well as the various sociocultural, and psychological studies related to sport. Students will gain a better understanding and appreciation of the special place that sport holds in society through studying the history of sport. Using this foundation, students will take a biblical approach to analyzing the fields of study in the sociology of sport as well as sport psychology towards the end of understanding and gaining fundamental mastery of these two academic disciplines. [ET]

SPM300 Sport Ethics (3)
This course will introduce the student to moral, ethical and character development issues confronting sport management in contemporary society. Biblical faith will be integrated throughout the course. The course will provide a solid ethical foundation for the student as a future professional sport practitioner. Additional attention will be focused on nurturing strong convictions and the importance of always demonstrating high quality and honorable sporting behavior towards game officials and one's opponents, and everyone else involved. [ET]

SPM310 Sport Finance (3)
This course will introduce the student to the various elements of finance, accounting, and economics in sport; and the ways in which these key elements impact and affect sporting competitions and sport business. Biblical applications of fiscal responsibility and appropriate stewardship of resources will be integrated throughout the course. The course will provide a solid foundation concerning these three integral elements for the student as a future professional sport practitioner. [ET]

SPM380 Sport Event Practicum (3)
This course will introduce the student to the exciting realm of professional sport experiences at all levels. The goal will be for students to experience live sporting events as well as volunteering and working at any number of sporting events. (Students will be required to take the in-class portion of this course in the first semester of their first year at TMU.) Students will then accumulate 80+ hours of practical sport event experience over the course of their remaining semesters at TMU. [ET]

SPM400 Legal Aspects of Sport (3)
This course will introduce the student to the legal aspects of sport; and the ways in which these key aspects impact and affect all involved in sporting competitions and sport businesses. Students will have the opportunity to try actual sport-related cases in class under the guidance of legal experts. The course will provide a solid foundation concerning the vital role that law plays in sport and sport management. [ET]

SPM420 Event Management in Sport (3)
This course will introduce the student to the various elements of event planning, production and management in sport. Students will apply lessons learned in the classroom to sporting events that they will create as well as TMU Athletic Department intercollegiate contests. The course will provide a solid foundation from the preplanning and preparation processes through to the running of successful sporting events for the student as a sport practitioner. Description of fee: Attendance at intercollegiate, professional, and Olympic sporting events for the purposes of hands-on learning experiences. [ET]

SPM430 Facility Management in Sport (3)
This course will start by introducing the student to the various elements of funding and development of sporting facilities in the spectrum of sporting entities. The course will provide a comprehensive organizational structure for successfully maintaining and managing successful high-quality sporting stadiums, arenas, and complexes. Significant attention will be devoted to the importance of safety and security. [ET]

SPM440 Data Analytics in Sport (3)
This course will introduce the student to the ever-increasing role that data analytics and statistical research are playing in the decision-making processes of sporting entities, especially at the professional and Olympic levels of competition. Significant emphasis will be placed on the proper statistical handling of data so that the interpretation can be converted to achieving the desired results. Students will work in teams on game real projects and make proposals based on their research findings and analysis. [ET]

SPM450 Sports Ministry (3)
This course is designed to expose students to the many special sports ministry opportunities that exist for the spreading of the good news of the Scriptures. Students will have the opportunity to meet key players in the world of sports ministry, gaining greater insight into this special field of study. This course will be capped off by students serving in small teams in a sports ministry related event of their choosing. [ET]

SPM490 Leadership and Human Dynamics in Sport (3)
This course will introduce the student to the various elements of leadership development and human dynamics in various types of sporting organizations from youth sports, through interscholastic, intercollegiate, and professional sports. Biblical applications will be integrated throughout the course. The course will provide a comprehensive foundation for what it takes to be a successful leader of a sporting organization and how to create positive and productive work/team culture. Significant emphasis will be placed on relationship building and positive cultures of teamwork. [ET]

SPM499 Professional Internship Experience (3)
The student internship is designed to provide in-depth experience in various facets of the sport management field in marketplace, mission, and ministry experience environments. The program is fundamentally an educational experience where students will make significant contributions and in return, they will be mentored by the sporting professionals and other team members that they will be serving alongside. The end goal will be to better prepare you to become one who humbly and faithfully serves God, and whose service is marked by excellence and integrity in all that they do. Fee varies. Can be taken more than once for credit. [SPC]

(SPM) Sport Management - Graduate Level

SPM510 Management Analytics for Sport (3)
School of Online degree(s) only.
This course takes a two-pronged approach to sport analytics. First, the course will review contemporary issues in sport analytics as they relate to ticketing, fan engagement, and marketing. Second, the student will be exposed to analytics as they relate to specific sports. The purpose of this course is to prepare the student for the data analytic needs to function as a sports information director, facility manager, or even a general manager.

SPM520 Facility Development and Management (3)
School of Online degree(s) only.
This course studies production systems, machine selection, automation, material handling, storage and warehousing, quality, retrofitting, and preventative maintenance related to sports facilities location, planning, and designing.

SPM530 Economics of Sport (3)
School of Online degree(s) only.
This course studies the business of sport operations, the structure of sports leagues, and organizations.

(SS) Social Science

SS381 Cultural Geography (3)
An examination of human geography, including worldwide patterns and developments concerning demographics, race, language, religion, industrialization, urbanization, and ecology. Locations of all the world's nations will be learned during studies of regional geography.

CONTACT

Publication

The Master's University 2023-2024 catalog is a publication of the Office of the Registrar.
Phone: 661-362-2813
Email: registrar@masters.edu
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Please send all inquiries and/or corrections to:
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21726 Placerita Canyon Road, Box #42
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Information specifically regarding accreditation, approval, or licensure should be directed to the Department of Academic Affairs during regular business hours (Monday-Friday, 8 a.m. – 5 p.m.).

Correspondence

Each department at The Master's University (TMU) may be reached via email, phone, or U.S. mail. Please take note of the following suggestions when you make contact with us, so that we may serve you quickly and efficiently.

WRITTEN CORRESPONDENCE

When corresponding with a particular individual or department, please address correspondence as follows:

Individual's and/or Department's Name
The Master's University - # (Box # if known)
21726 Placerita Canyon Road
Santa Clarita, CA 91321-1200

EMAIL CORRESPONDENCE

When emailing a faculty or staff member, our default email address is the first initial of the first name, full last name @masters.edu. For example, John Doe could be emailed using the following address:

jdoe@masters.edu

When emailing a student, our default email address is the full last name followed by the first initial of the first name and the first initial of the middle name @masters.edu. For example, John D. Doe could be emailed using the following address:

doejd@masters.edu

FAX CORRESPONDENCE

When sending a fax to a particular individual or department, please include the following on a Fax Cover Sheet:

- Individual's and/or department's name
- Your name, telephone number, and fax number
- Date and time of your fax

The Admissions Department fax number is 661-362-2718. Please consult the Directory Listing for specific fax numbers for other departments in order to expedite communication.

TELEPHONE CORRESPONDENCE

We welcome every opportunity to speak with you personally. Always feel free to call us.

Local: 661-259-3540
Toll-free: 800-568-6248

You may request an individual and/or department by name or by extension number. You may also leave messages before or after regular office hours. When the system answers your call, dial the four-digit extension of the party you wish to reach. You will be connected to that person and/or department's voicemail. If you do not know the party's extension, the voicemail operator will direct you to the "Names Directory," which provides the directory of telephone extensions for The Master's University campus.

Department	On-campus Extension	Fax Number
Academic Affairs	2227	
Academic Counseling	2268	
Accounting	2619	
Admissions	2363	661-362-2718
Alumni Relations	2333	
Athletics	2761	661-362-2697
Athletic Trainer	2764	661-362-2697
Biblical Counseling	2644	
Biblical Studies	2621	
Biological & Physical Sciences	2705	
Bon Appétit (Food Service)	2851	661-362-2714
Business Administration.	2702	
Campus Safety	2500	
Career Services	2351	
Church Relations	2615	
CLEP Information	2267	661-362-2668
Communication	2218	
Engineering & Computer Science	2705	
Development	2210	
Disability Services	2269	
English/History/Political Studies	2286	
Financial Aid	2290	661-362-2693
Fitness Center	2940	661-362-2697
Global Outreach/International Students	2249	
Health Center	2655	661-362-2663
Human Resources	2843	
Institutional Research & Assessment	2287	661-362-2722
Israel Bible Extension Program (IBEX)	2616	
IT Service Desk	2876	
Kinesiology	2761	661-362-2697
Liberal Studies and Education	2235	
Library	2278	
LMS Support	2341	
MABC	2644	
Mail Center	2349	
Marketing	2361	
Mathematics	2726	
Music	2279	
Payroll	2611	
Plant Operations	2794	661-362-2721
President's Office	2220	661-362-2723
Registrar	2813	661-362-2722
Software & Internet Development	2219	
Sports Information Director	2775	661-362-2697
Student Accounts Office	2212	
Student Employment	2678	
Student Life	2833	
Student Services/Associated Student Body	2835	
TMU Online Program	2685	661-362-2716
TMU Tutoring	2266	
University Exchange (Bookstore)	2665	

Administration

Dr. Abner Chou	*President & John F. MacArthur Endowed Fellow*
Dr. John Stead	*Executive Vice President*
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Luke Cherry	*Vice President of Development*
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Chancellor

Dr. John F. MacArthur	*Pastor-Teacher of Grace Community Church*

Professor Emeritus

Ruta Bloomfield (2023)
Dennis Englin (2023)
John Hotchkiss (2022)
Dennis Hutchison (2023)
Ken Mays (2023)
James Owen (2023)
Paul Plew (2022)

Full-Time University Faculty

Jason Beals — *Associate Professor of Biblical Studies, Director of IBEX Program*
B.A., The Master's College. Ph.D., M.Div., Th.M., The Master's Seminary. Joined TMU 2017.

John Beck — *Interim Dean, School of Business & Communication, Associate Professor of Communication and Business*
B.S., Ohio University. M.A., University of Southern California. Ed.D., University of Southern California. Joined TMU 2008.

J. Gregory Behle — *Professor of Christian Education*
B.A., Biola University. Th.M., Dallas Theological Seminary. Ph.D., University of Southern California. Joined TMU 1986.

John Black — *Assistant Professor - IBEX*
B.S., Shippensburg University. M.S., John Hopkins University. Th.M., Dallas Theological Seminary. Joined TMU 2021.

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Michael Button *Chair, Department of Mathematics, Professor of Mathematics*
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Abner Chou *President, John F. MacArthur Endowed Fellow, Professor of Biblical Studies*
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Esther Chua *Chair, Department of English, Assistant Professor of English*
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Sarah Dixon *Assistant Professor of Music*
B.M., The Master's College. M.M., California State University, Northridge. Joined TMU 2006.

Dan Dubei *Assistant Professor of Mechanical Engineering*
Mechanical Engineering Diploma, University of Galati. MESc., University of Western Ontario. Joined TMU 2022.

John Eickemeyer *Professor of Engineering & Computer Science*
B.A., Occidental College. M.S., Ph.D., University of California, Los Angeles. Joined TMU 2003.

Michael Forgerson *Co-Chair, Department of Interdisciplinary Studies, Professor of Business Administration, Certified Public Accountant, Attorney at Law*
B.S., M.S., California State University, Northridge. M.Div., The Master's Seminary. J.D., Southwestern University of Law. Joined TMU 1993.

Gregg Frazer *Dean, John P. Stead School of Humanities, Professor of History & Political Studies*
B.A., Los Angeles Baptist College. M.A., California State University, Los Angeles. Ph.D., Claremont Graduate University. Joined TMU 1988.

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B.A., Baptist Bible College. M.A., The Master's College. Ph.D., Southwestern Baptist Theological Seminary. Joined TMU 2016.

Matthew Green *Assistant Professor of Communication*
B.A., The Master's College. M.A., Liberty University. Joined TMU 2014.

Clyde Greer, Jr. *Chair, Department of History & Political Studies, Professor of History*
B.A., James Madison University. M.S., Radford University. D.A., Carnegie-Mellon University. Joined TMU 1986.

Thomas Halstead *Dean, School of Biblical Studies, Professor of New Testament and Greek*
B.S., M.S., California State University, Northridge. M.Div., Talbot Theological Seminary. Ed.D., Nova Southeastern University. Joined TMU 1985.

Dwight Ham *Chair, Department of Business Administration, Associate Professor of Business Administration, Certified Management Accountant*
B.S., California State University, Northridge. M.A., The Master's College. MBA, Pepperdine University. DBA, George Fox University. Joined TMU 2007.

Phil Hamory *Assistant Professor of Electrical Engineering and Computer Engineering*
B.S., University of California, Los Angeles. M.S., Stanford University. Joined TMU 2023.

Don Hedges *Dean, School of Music, Full Professor of Music*
B.S., Faith Baptist Bible College, M.M. and Ph.D., Indiana University, Joined TMU in 2022.

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