



# UNDERGRADUATE PROGRAMS

## COURSE DESCRIPTION CHANGES

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### **CS288W Web Design (3)**

This course introduces concepts in web design, including HTML (HyperText Markup Language), CSS (Cascading Style Sheets), and web page design.

### **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.

### **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.

### **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.

### **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.

### **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.

### **KIN314 Biomechanics (3)**

*Prerequisites: LS321, KIN312.*

An in-depth study of anatomical and biomechanical movement analyses.



**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.

**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.

**MKT462 Sales and Customer Service (3)**

*Prerequisite:* MKT350

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.

**MU160Q Conducting: Individual Instruction (1)**

*Prerequisite:* MU271, MU476. *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.

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**COURSE FEE CHANGES/CORRECTIONS**

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**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.

**ACC312 Intermediate Accounting II (3)**

*Prerequisite:* ACC311.

*Fee:* \$50

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.

**C132 Podcast Studio (3)**

*Fee:* \$50

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.

**C231 Digital Video Editing I (3)**

*Fee:* \$50

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:* \$50

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.

**C304 Advanced Photography (3)**

*Prerequisite:* C201 or instructor approval.

*Fee:* \$50

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.

**C311 Video Production I (3)**

*Fee:* \$50

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:* \$50

*Prerequisite:* C311.

A continuation of the subjects of Video Production I.

**C338 Multimedia Storytelling (3)**

*Prerequisite:* C261 or C311.

*Fee:* \$50

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.

**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).

**CS342D Database Management Systems (3)**

*Fee:* \$185

Design, implementation, and management of business database systems. Includes data analysis, design, and normalization.

**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.

**ECE302CL Microelectronics Lab (2)**

*Prerequisites:* ECE201C, ECE201CL. *Corequisite:* ECE302C.

*Lab fee:* \$100

Practical, hands-on experience with topics covered in ECE302C.



**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.

**ME302DL Dynamics Lab (1)**

*Corequisite: ME302D.*

*Lab fee: \$200.*

A laboratory to accompany ME302D. 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.

**MU357 Music Business Operations (2)**

*Fee: \$30*

An intensive study of business practices as they pertain to the music industry.

**MU454 Teaching Piano Internship III (2)**

*Prerequisite: MU453 and instructor permission.*

*Fee: \$50*

Continuation of MU453.

**MU474 Orchestration (2)**

*Prerequisite: MU242A.*

*Fee: \$50*

The instruments: ranges and limitations. Scoring for sections and full orchestra. The church orchestra.

**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.

**MU484 Piano Pedagogy IV (2)**

*Prerequisite: MU483.*

*Fee: \$30.*

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.

## **COURSE NAME CHANGES**

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~~MGT345/354 Business Law~~

**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.



~~POL364 Introduction to Criminal Law~~

**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.

## **NEW COURSES**

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**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.

**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.

**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.

**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.

**C494 Marketing Media Capstone (3)**

*Prerequisite: junior standing.*

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.

**CH153L Chemistry Lab for Engineers (1)**

*Lab fee: \$50*

This lab is for engineers to combine computer software to chemistry labs.

**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 introduced to concepts such as exploratory data analysis, report generation, and modern toolchains for data analysis. The emphasis of this course will be working on projects to gain practical familiarity with the tools for collecting data and performing data analysis.

### **ECE312EL Electromagnetics Lab (1)**

*Prerequisite: PS251*

*Lab fee: \$100*

Practical, hands-on experience with topics covered in ECE312E, emphasizing electronic and magnetic systems and instruments.

### **ECE401P Power Systems (3)**

*Prerequisite: ECE312E*

*Lab fee: \$100.*

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.

### **IBEX399 Special Topics: IBEX (1-5)**

This course addresses specific topics of interest related to the semester-abroad program in Israel (IBEX).

### **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.

### **KIN321 Special Topics (1)**

This course will explore current, pertinent topics in Kinesiology and healthcare. Topics include cardiovascular function, pulmonary function, orthopedic neurology, medical ethics, and other topics chosen by faculty.

### **KIN321C Special Topics: Medical Ethics (1)**

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.

### **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.

### **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 neuropathologies.

### **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.





### ME322DL Manufacturing Lab (1)

*Corequisite: ME322D.*

*Lab fee: \$300.*

Practical, hands-on experience with topics covered in ME322D.

### TH318 Theatre Choreography (3)

*Prerequisite: must be currently enrolled as cast in current semester's play or musical.*

*Fee: \$50*

Choreography workshop for actors.

## PROGRAM CHANGES

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### ~~Removed Course~~ | Added Course

#### Bachelor of Arts in Entrepreneurship Courses

<del>BUS320 Business Law.....</del>	<del>3</del>
BUS330 Business Ethics.....	3
ECN210 Microeconomics.....	3
ENT200 Innovation and Entrepreneurship.....	3
ENT300 Entrepreneurial Finance.....	3
<b>MGT345 Entrepreneurial Law.....</b>	<b>3</b>
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 Communications - Fundamentals (3)	
One of the following.....	3
MGT336 Organizational Communication - Advanced (3)	
MKT462 Sales and 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)	
MKT350 Marketing Fundamentals (3)	
One of the following.....	3
BUS368 Entrepreneurship (3)	
MGT461 Innovation Lab (3)	
Total units required for major.....	39

#### Optional Electives

Electives .....	22
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*\*See advisor for an appropriate elective block.*



~~Removed Course~~ | **Added Course**

### Bachelor of Arts in Sport Management Courses

<del>ACC210</del>	<del>Accounting Fundamentals I</del>	<del>3</del>
<del>ACC220</del>	<del>Accounting Fundamentals II</del>	<del>3</del>
<b>MGT330</b>	<b>Business Communication</b>	<b>3</b>
<b>MGT435</b>	<b>Finance &amp; Managerial Accounting</b>	<b>3</b>
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	Sporting 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
<i>Total units required for core courses</i>		<i>45</i>

## UNIT CORRECTION

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~~ME322DL Manufacturing Lab (1)~~

**ME322DL Manufacturing Lab (2)**

Corequisite: ME322D. Practical, hands-on experience with topics covered in ME322D.

## GRADUATE PROGRAMS

### COURSE FEE CHANGES/CORRECTIONS

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#### **BC580 Observations and Applied Studies (2)**

*Prerequisites: All courses up to BC580 except BC556 and an elective.*

*Fee: \$300.*

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.

#### **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.

#### **BC721 Writing & Research in Bib. Counsel. I (2)**

*Fee: \$300.*

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.





**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.

**BC821 Writing & Research in Bib. Counsel. III (2)**

*Fee: \$300*

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.

**NEW COURSE**

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**HA560 Healthcare Marketplace, Strategy, and Ec (3)**

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.