



Report Parameters

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Outcome Space: **Program - TMU Baccalaureate GE - Biological & Physical Sciences**

Level: **Program**

Term: **2024 Fall TMU Trad, 2024 Spring TMU Trad and 2 more...**

Program: **TMU Baccalaureate GE - Biological & Physical Sciences**

Student Minor: **No records found!**

Student Concentration: **No records found!**

Detail Level: **Learning Indicator**

Campus Code: **No records found!**

Delivery Mode: **No records found!**

Outcome Set	Outcome Code	Outcome Description	Total Assessments	Outcome Rubric Distribution	Success
TMU Baccalaureate GE - Biological & Physical Sciences	U.GE.BPS.01	Explain the scientific method, its use and limitations within each of its various disciplines, and its relation to Truth.			
	U.GE.BPS.1.PI01	Individual student % score on first course exam.	185	<div><div>51.4%</div><div>37.3%</div><div>10.3%</div><div>1.1%</div></div>	89 %
Average Student Performance Level across all PIs			185	<div><div>51.4%</div><div>37.3%</div><div>10.3%</div><div>1.1%</div></div>	89 %
TMU Baccalaureate GE - Biological & Physical Sciences	U.GE.BPS.02	Demonstrate an understanding of how the glory of God is revealed through an increased understanding of the complexity and beauty of His creation.			

Outcome Set	Outcome Code	Outcome Description	Total Assessments	Outcome Rubric Distribution	Success
	U.GE.BPS.2.PI03	Evidences an understanding of the concept of how complexity applies the biological and physical sciences.	114		95 %
	U.GE.BPS.2.PI02	Evidences an understanding of the concept of how beauty applies to the biological and physical sciences.	114		95 %
	U.GE.BPS.2.PI01	Student comments evidence clarity of thought and written expression.	187		95 %
	U.GE.BPS.2.PI04	Evidences an understanding of the revelation of God and demonstration of His glory are seen through the biological and physical sciences.	114		95 %
Average Student Performance Level across all PIs			529		95 %
TMU Baccalaureate GE - Biological & Physical Sciences	U.GE.BPS.03	Compare and contrast the effect of various theocentric and naturalistic worldviews on the development of biological and physical sciences, and scientific thought in general.			
	U.GE.BPS.3.PI04	Student comments evidence clarity of thought and written expression.	69		94 %
	U.GE.BPS.3.PI01	Concepts presented in lectures and class texts are incorporated in the student's discussion statements.	69		100 %

Outcome Set	Outcome Code	Outcome Description	Total Assessments	Outcome Rubric Distribution	Success
	U.GE.BPS.3.PI03	Student comments go beyond repetition of presented information. Includes application, analysis and synthesis of it.	69	91.3% 8.7%	100 %
	U.GE.BPS.3.PI02	Quantity of comments indicates acceptable level of student engagement in the discussion.	69	91.3% 8.7%	100 %
Average Student Performance Level across all PIs			276	89.5% 9.1% 1.4%	99 %
TMU Baccalaureate GE - Biological & Physical Sciences	U.GE.BPS.04	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.			
	U.GE.BPS.4.PI01	The paper evidences a clarity of thought and written expression.	45	97.8% 2.2%	98 %
	U.GE.BPS.4.PI04	Demonstrates the ability to be a productive member of a working group.	88	87.5% 8.0% 4.5%	95 %
	U.GE.BPS.4.PI5	The paper demonstrates that the student can summarize a scientific technical article and analyse its interpretations and conclusions.	114	93.9% 5.3% 0.9%	99 %
	U.GE.BPS.4.PI03	Demonstrates an understanding of the elements of the scientific process.	88	81.8% 9.1% 9.1%	91 %

Outcome Set	Outcome Code	Outcome Description	Total Assessments	Outcome Rubric Distribution	Success
	U.GE.BPS.4.PI02	Demonstrates that the student has gained a better understanding of some aspect of the biological or physical world.	69		100 %
Average Student Performance Level across all PIs			404		97 %
TMU Baccalaureate GE - Biological & Physical Sciences	U.GE.BPS.05	Demonstrate an ability to use the scientific process to solve qualitative and quantitative problems in biology in both the classroom and laboratory settings.			
	U.GE.BPS.5.PI02	Demonstrates an understanding of the complexity and order as seen throughout God's creation.	69		97 %
	U.GE.BPS.5.PI04	Demonstrates the ability to interpret information collected through hands-on laboratory procedures.	24		92 %
	U.GE.BPS.5.PI03	Demonstrates the ability to complete the hands-on processes involved in a laboratory setting.	93		95 %
	U.GE.BPS.5.PI01	Demonstrates an understanding of the chemical building blocks of life.	47		98 %
Average Student Performance Level across all PIs			233		96 %
TMU Baccalaureate GE - Biological & Physical Sciences	U.GE.BPS.06	Demonstrate the ability to perform the basic operations associated with standard laboratory procedures in the biological and physical sciences.			

Outcome Set	Outcome Code	Outcome Description	Total Assessments	Outcome Rubric Distribution	Success
	U.GE.BPS.6.PI03	Demonstrates the ability to construct and perform a step-by-step analytical procedure to solve a problem.	33		79 %
	U.GE.BPS.6.PI02	Demonstrates the ability to interpret information collected through hands-on laboratory procedures.	14		93 %
	U.GE.BPS.6.PI01	Demonstrates the ability to complete the hands-on processes involved in a laboratory setting.	33		82 %
Average Student Performance Level across all PIs			80		83 %
Average Student Performance Level across all PIs			1707		95 %