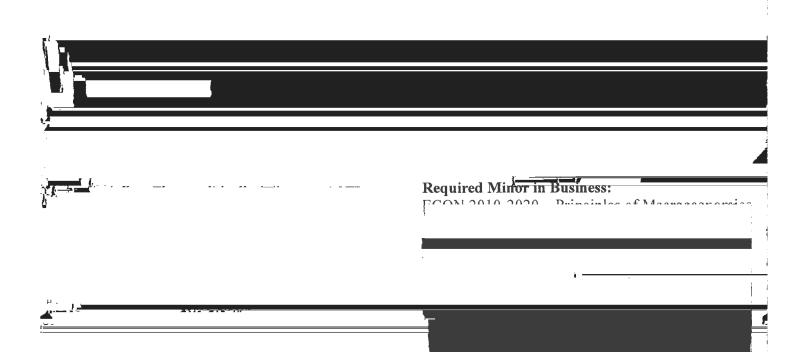
2024-2025
Bachelor of Science in Mathematics with a Concentration in Actuarial Science
Math (120 hrs.)

Mathematics (48 hrs.)

English (9 hrs.)

Course	<u>Course</u> Ti <u>tle</u>	Credits	Grade	√ Sem.	Course_	Course Title	Credits	Grade	√_	Sem.	
1910	Calculus I	4			1010	English Comp. I	3				
1920	Calculus II	4			1020	English Comp. II	3				
2010	Intro. Linear Algebra	3			2130	Top. American Lit.	3				
2110	Calculus III	4			2235	Top. British Lit., or					
2120	Differential Equations	3			2330	Top. World Lit.					
3810	Complex Variables	3			Matuual	Saiomaa Saayamaa (0 h	\				
3400	Intro Concepts Math	3			Natural Science Sequence (8 hrs.) 8 credit hours chosen from the TTU General Education						
3070	Statistical Methods I	3			Core Courses in the Natural Sciences. These credit						
3080	Statistical Methods II	3									
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2024-2025
Bachelor of Science in Mathematics with a Concentration in Actuarial Science
Math (120 hrs.)

Freshman Year	Sem. Hrs.	Sophomore Year	Sem. Hrs.
MATH 1910 Calculus I	4	MATH 2010 Intro. Linear Algebra	3
MATH 1920 Calculus II	4		
ENGL 1010 English Comp. I	3	MATH 2120 Differential Equations	3
ENGL 1020 English Comp II	3	MATH 3400 Concepts of Math	3
Natural Science Sequence*	8	ENGL 2130, or 2235, or 2330	3
Humanities/Fine Arts Elective	3	COMM 2025 Fund of Communication	3
CSC 1300 Intro Prob. Sol & Comp Prog	4	OR	
OR		PC 2500 Comm. in the Profession	3
ENGR 1120 for	2	Social/Behavioral Science Electives	6
2010 Principles of economics	3	Humanities/Fine Arts Electives	3
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l'otal	3 30 or 32	Total	31
	2		
Junior Year	Sem. Hrs.	Senior Year	Sem. Hrs
Junior Year MATH 3810 Complex Variables	2	Senior Year MATH 4010 Modern Algebra I	
Junior Year MATH 3810 Complex Variables MATH 3070 Statistical Methods I	Sem. Hrs.	Senior Year	Sem. Hrs
Junior Year MATH 3810 Complex Variables MATH 3070 Statistical Methods I	Sem. Hrs.	Senior Year MATH 4010 Modern Algebra I MATH 4530 Linear Algebra I	Sem. Hrs 3 3
Junior Year MATH 3810 Complex Variables MATH 3070 Statistical Methods I MATH 3080 Statistical Methods II	Sem. Hrs.	Senior Year MATH 4010 Modern Algebra I MATH 4530 Linear Algebra I MATH 4110 Advanced Calculus I MKT 3400 Principles of Marketing	Sem. Hrs 3 3
Junior Year MATH 3810 Complex Variables MATH 3070 Statistical Methods I MATH 3080 Statistical Methods II MATH 4470 Probability and Statistics I	Sem. Hrs.	Senior Year MATH 4010 Modern Algebra I MATH 4530 Linear Algebra I MATH 4110 Advanced Calculus I MKT 3400 Principles of Marketing FIN 3210 Principles/Managerial	Sem. Hrs 3 3
Total Junior Year MATH 3810 Complex Variables MATH 3070 Statistical Methods I MATH 3080 Statistical Methods II MATH 4470 Probability and Statistics I MATH 4480 Probability and Statistics II HIST 2010 Early US History	Sem. Hrs.	Senior Year MATH 4010 Modern Algebra I MATH 4530 Linear Algebra I MATH 4110 Advanced Calculus I MKT 3400 Principles of Marketing	Sem. Hrs 3 3