

# Actuarial Track (Mathematics Major)

## Suggested Course Sequencing

### Freshman year

Semester 1	Cr
MATH 231 Calculus I	4
MATH 210 Elementary Statistics	3
GSCI 100 University Seminar	1
BIBL 111 Essential Christianity	3
CPSC 111 Introduction to Computer Science	3
EXER 101 Lifetime Health Awareness	1

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Semester 2	Cr
MATH 232 Calculus II	4
Minor Elective	3
BIBL 115 Old Testament Literature	3
ENGL 111 Composition	3
FIN 138 Personal Finance	3

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### Sophomore year

Semester 1	Cr
MATH 233 Calculus III	4
PHYS 231 Engineering Physics I (or CHEM 111)	5
Minor Elective	3
BIBL 116 New Testament Literature	3

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Semester 2	Cr
MATH 431 Differential Equations	3
Minor Electives	4
Effective Communication Option	3
Historical Inquiry Option	3
PSYC 138 Psychology of Healthy Relationships	3

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### Junior year

Semester 1	Cr
MATH 310 Probability and Statistical Inference	3
Minor Elective	3
BIBL 360-370 Book Study	3
Humanities Option	3
Reading and Imagination Option	3

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Semester 2	Cr
MATH 442 Advanced Calculus	3
Minor Elective	3
Artistic Expression Option	3
Behavioral and Social Sciences Option	3
ICST 454 Global Cultures & Compassion	3

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### Senior year

Semester 1	Cr
MATH 496 Mathematics Seminar	1
MATH 331 Linear Algebra	3
Minor Elective	6
THEO 320 Pentecost	3
Elective	3

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Semester 2	Cr
MATH 448 Theory of Interest	3
Minor Elective	3
Natural Science Option w/out lab	3
Electives	7

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Total minimum to graduate **124**  
and must include at least **36** upper division credits

Graduation requires an overall GPA of at least 2.0, and 30 of the 40 final credits must be taken at Evangel.

The listing above only represents a suggested course sequencing as required to graduate with this major. Students are ultimately responsible for their own degree program, and the choice of their minor. An academic advisor is assigned to the student for guidance in these matters, but the responsibility for meeting the requirements belongs to the student.

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## University Writing Proficiency and Placement Information

Writing Proficiency earned by . . . circle one: ENGL 111 ACT/SAT/CLT (Score: ) AP CLEP IB  
to each term's "Core Options" document for available choices.

If transfer student has ENGL 111 composition only, enroll in a 200-level Effective Communication course.

If transfer student has a 200-level (or above) composition course, check for Speech course. If no Speech listed, enroll in COMM 211.

If transfer student has a 200-level composition course AND a Speech course, he or she is proficient.

If student has no test scores, enroll in ENGL 102.

ACT English = 24-25, SAT W/L 31-32, CLT W/G 30-31: take Writing Step-Up Exam in first semester.

ACT English 20-23, SAT W/L 28-30, CLT W/G 24-29: ENGL 111	3		<b>Wellness Proficiency</b>	Cr	<input checked="" type="checkbox"/>
ACT English 16-19, SAT W/L 23-27, CLT W/G 19-23: ENGL 102	2		EXER 101 Lifetime Health Awareness	1	
ACT English ≤ 15, SAT W/L ≤ 22, CLT W/G ≤ 18: ENGL 100	1				

## Core Curriculum Requirements

	Cr	<input checked="" type="checkbox"/>		Cr	<input checked="" type="checkbox"/>
GSCI 100 University Seminar	1		Effective Communication Option (WPR)**	3	
BIBL 111 Essential Christianity	3		MATH 210 Elementary Statistics	3	NA
BIBL 115 Old Testament Literature	3		Historical Inquiry Option*	3	
BIBL 116 New Testament Literature	3		Artistic Expression Option*	3	
BIBL 360 - 370 Book Study (WPR)*	3		Behavioral and Social Sciences Option*	3	
THEO 320 Pentecost	3		Humanities Option*	3	
ICST 454 Global Cultures & Compassion*	3		Healthy Relationships: PSYC 138 (Preferred) or 112	3	
Natural Science without Lab Option*	3		Christian Stewardship: FIN 138 Personal Finance	3	
Natural Science - CHEM 111 or PHYS 231 Req'd	5		Reading and Imagination: ENGL 123*	3	
*Refer to each term's "Core Options" document for available choices.			**ENGL/COMM 205 or 341; ENGL 211, 212, or 236		
WPR = Writing Proficiency Required: ENGL 111 or ACT English ≥ 26			***ECON 212/213 preferred		

## Major Requirements

	Cr	<input checked="" type="checkbox"/>		Cr	<input checked="" type="checkbox"/>
<b>Required Math Courses*</b>			<b>Other Required Courses</b>		
MATH 210 Elementary Statistics	3		CPSC 111 Introduction to Computer Science	3	
MATH 231 Calculus I	4		CHEM 111 General Chemistry I or PHYS 231 Engineering Physics I	5	
MATH 232 Calculus II	4				
MATH 233 Calculus III	4				
MATH 310 Probability and Statistical Inference**	3				
MATH 331 Linear Algebra**	3				
MATH 343 Abstract Algebra**	3				
MATH 410 Data Science	3				
MATH 431 Differential Equations	3				
MATH 442 Advanced Calculus**	3				
MATH 496 Mathematics Seminar	1				
<b>Minimum total credits to graduate</b>				<b>124</b>	

\*MATH 296 Mathematics Seminar is strongly recommended, but not required.

\*\*Mathematics graduate schools typically require MATH 310, MATH 331, MATH 343 and MATH 442 for admission.

In order to meet the required 124 credits to graduate, a student may need to take additional elective credits. To reach the requirement of 36 upper level credits, additional upper level credits must be taken.