

Data Science Track (Mathematics Major)

Suggested Course Sequencing

Freshman year

Semester 1	Cr
MATH 231 Calculus I	4
MATH 210 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
MATH 212 Discrete Mathematics	3
BIBL 115 Old Testament Literature	3
ENGL 111	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
CPSC 441 Database Management Systems	3
BIBL 116 New Testament Literature	3

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Semester 2	Cr
MATH 331 Linear Algebra	3
CPSC 448 Big Data	3
Effective Communication Option	3
FIN 138 Personal Finance	3
PSYC 138 Psychology of Healthy Relationships	3

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Junior year

Semester 1	Cr
MATH 310 Probability and Statistical Inference	3
CPSC 435 Artificial Intelligence	3
BIBL 360-370 Book Study	3
Humanities Option	3
Reading and Imagination Option	3

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Semester 2	Cr
MATH 448 Data Science	3
CPSC Elective	3
Artistic Expression Option	3
Behavioral and Social Sciences Option	3
ICST 350 Global Connections	3

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Senior year

Semester 1	Cr
MATH 496 Seminar	1
Electives	6
Math Elective	3
Historical Inquiry Option	3
THEO 320 Pentecost	3

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Semester 2	Cr
MATH Elective	3
Natural Science Option w/out lab	3
Electives	11

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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. 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			
ACT English \geq 26 or SAT Writing/Language (W/L) \geq 33, CLT Writing/Grammar (W/G) \geq 32: Student is proficient. Enroll in Effective Communication option. Refer 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	Wellness Proficiency	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 \leq 15, SAT W/L \leq 22, CLT W/G \leq 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 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 350 Global Connections*	3		Healthy Relationships: PSYC 138 (Preferred) or 112	3	
Natural Science without Lab Option*	3		Christian Stewardship: FIN 138 Personal Finance	3	
Natural Science with Lab Option*	4		Reading and Imagination: ENGL 123*	3	
*Refer to each term's "Core Options" document for available choices. WPR = Writing Proficiency Required: ENGL 111 or ACT English \geq 26			**ENGL/COMM 205 or 341; ENGL 211, 212, or 236 If student has ENGL 201 in transfer, enroll in COMM 211.		

Comprehensive Major Requirements

	Cr	<input checked="" type="checkbox"/>		Cr	<input checked="" type="checkbox"/>
Required Math Courses			Required Computer Courses***		
MATH 210 Statistics	3		CPSC 111 Introduction to Computer Science	3	
MATH 231 Calculus I	4		CPSC 211 Data Structures	3	
MATH 232 Calculus II	4		CPSC 435 Artificial Intelligence	3	
MATH 233 Calculus III	4		CPSC 441 Database Management Systems	3	
MATH 212 Discrete Mathematics	3		CPSC 448 Big Data	3	
MATH 310 Probability and Statistical Inference	3				
MATH 331 Linear Algebra	3				
MATH 448 Data Science	3		PHYS 231 Engineering Physics or CHEM 111 General Chemistry	5	
Upper Division Math**	5				
MATH 496 Seminar	1				
Minimum total credits to graduate				124	

** Mathematics graduate schools typically require both MATH 343 and MATH 442 for admission.
 *** A Computer Science minor can be obtained with one additional CPSC course. Data Science graduate programs benefit from CPSC 142 Java Programming, CPSC 231 File Processing, or CPSC 325 Data Communications

*Refer to each term's advising handbook for options
 WPR = Writing Proficiency Required