Name: _____ Date: _____ Advisor: _____

Data Science Track (Mathematics Major)

Suggested Course Sequencing

Freshman year

Semester 1	Cr	Semester 2	Cr
MATH 231 Calculus I	4	MATH 232 Calculus II	4
MATH 210 Elementary Statistics	3	MATH 212 Discrete Mathematics	3
GSCI 100 University Seminar	1	BIBL 115 Old Testament Literature	3
BIBL 111 Essential Christianity	3	ENGL 111 Composition	3
CPSC 111 Introduction to Computer Science	3	FIN 138 Personal Finance	3
EXER 101 Lifetime Health Awareness	1		16
	15		

Sophomore year

Semester 1	Cr	Semester 2	Cr
MATH 233 Calculus III	4	MATH 331 Linear Algebra	3
PHYS 231 Engineering Physics I (or CHEM 111)	5	CPSC 442 Big Data	3
CPSC 441 Database Management Systems	3	Effective Communication Option	3
BIBL 116 New Testament Literature	3	FIN 138 Personal Finance	3
	15	PSYC 138 Psychology of Healthy Relationships	3
			15

Junior year

Semester 1	Cr	Semester 2	Cr
MATH 310 Probability and Statistical Inference	3	MATH 410 Data Science	3
CPSC 435 Artificial Intelligence	3	CPSC Elective	3
BIBL 360-370 Book Study	3	Artistic Expression Option	3
Humanities Option	3	Behavioral and Social Sciences Option	3
Reading and Imagination Option	3	ICST 454 Global Cultures & Compassion	3
	15		15

Senior year

Semester 1	Cr	Semester 2	Cr
MATH 496 Seminar	1	MATH Elective	3
Electives	6	Natural Science Option w/out lab	3
Math Elective	3	Electives	11
Historical Incuiry Option	3		17
THEO 320 Pentecost	3		
	16		

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.

Name: _____ Date: _____ Advisor: _____

Data Science Track (Mathematics Major)

University Writing Proficiency and Placement Information

Writing Proficiency earned by . . . circle one: ENGL 111   ACT/SAT/CLT (Score:)   AP   CLEP   IB

ACT English ≥ 26 or SAT Writing/Language (W/L) ≥ 33, CLT Writing/Grammar (W/G) ≥ 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.

	Cr		Wellness Proficiency	Cr	☑
ACT English 20-23, SAT W/L 28-30, CLT W/G 24-29: ENGL 111	3				
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	☑		Cr	☑
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 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 ≥ 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	☑		Cr	☑
Required Math Courses*			**Required Computer Courses****		
MATH 210 Elementary 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 442 Big Data	3	
MATH 310 Probability and Statistical Inference**	3				
MATH 331 Linear Algebra**	3		**Required Science Courses**		
MATH 410 Data Science	3		CHEM 111 General Chemistry or PHYS 231 Engineering Physics	5	
Upper Division Math**	5				
MATH 496 Senior Seminar	1				
			Minimum total credits to graduate	**124**	

*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.

***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.

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.

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