Name: _____ Date: _____ Advisor: _____

Applied Mathematics-Chemistry

Suggested Course Sequencing: Recommend 15 – 17 semester hours;
however, attending summer school will reduce semester hours.

Freshman year

Semester 1	Cr
MATH 231 Calculus I [a]	4
CHEM 111 General Chemistry I [b]	5
CPSC 111 Introduction to Computer Science	3
BIBL 111 Essential Christianity	3
GSCI 100 University Seminar	1
EXER 101 Lifetime Health Awareness	1
	17

Semester 2	Cr
MATH 232 Calculus II	4
CHEM 112 General Chemistry II	5
BIBL 115 Old Testament Literature	3
FIN 138 Personal Finance	3
ENGL 111 Composition	3
	18

Sophomore year

Semester 1	Cr
MATH 233 Calculus III	4
CHEM 271 Organic Chemistry I	4
Behavioral and Social Sciences Option	3
BIBL 116 New Testament Literature	3
Effective Communication Option	3
	17

Semester 2	Cr
MATH 210 Statistics	3
MATH 431 Differential Equations	3
CHEM 272 Organic Chemistry II	4
Historical Inquiry Option	3
PSYC 138 Psychology of Healthy Relationships	3
	16

Junior year

Semester 1	Cr
MATH Elective	3
CHEM 331 Quantitative Analysis [c]	4
PHYS 231 Engineering Physics I	5
Reading and Imagination Option	3
	15

Semester 2	Cr
MATH Upper Division Elective	3
PHYS 232 Engineering Physics II	5
Artistic Expression Option	3
BIBL 360-370 Book Study	3
ICST 350 Global Connections	3
	17

Senior year

Semester 1	Cr
CHEM 431 Physical Chemistry I [c]	4
Upper Division Electives	6
THEO 320 Pentecost	3
	13

Semester 2	Cr
Upper Division Electives	7
Humanities Option	3
Elective	3
	13

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

[a] Those not prepared for Calculus should take MATH 129 - College Algebra and Trigonometry.
[b] Those not prepared for CHEM 111 should take CHEM 101 - Introduction to Chemistry.
[c] CHEM 331 and 431 to be offered in alternate years.
Graduation requires an overall GPA of at least 2.0, and 30 of the 40 final credits must be taken at Evangel.

Name: _____ Date: _____ Advisor: _____

Applied Mathematics-Chemistry

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.

ACT English 20-23, SAT W/L 28-30, CLT W/G 24-29: ENGL 111	3	**Wellness Proficiency**	Cr	☑
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 Statistics	3	
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	NA	Christian Stewardship: FIN 138 Personal Finance	3	
Natural Science with Lab Option*	4	NA	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			If student has ENGL 201 in transfer, enroll in COMM 211.		

Major Requirements (24 MATH hours, 26 CHEM hours, 10 PHYS hours, 3 CPSC hours required)

	Cr	☑		Cr	☑
Required Math Courses			**Required Chemistry Courses**		
MATH 210 Statistics	3		CHEM 111 General Chemistry I	5	
MATH 231 Calculus I	4		CHEM 112 General Chemistry II	5	
MATH 232 Calculus II	4		CHEM 271 Organic Chemistry I	4	
MATH 233 Calculus III	4		CHEM 272 Organic Chemistry II	4	
MATH 431 Differential Equations	3		CHEM 331 Quantitative Analysis	4	
Elective Math Courses (Select two)			CHEM 431 Physical Chemistry I	4	
MATH 310 Probability and Statistical Inference	3				
MATH 331 Linear Algebra	3				
MATH 432 Numerical Analysis	3				
Other Required Courses					
PHYS 231 Engineering Physics I	5				
PHYS 232 Engineering Physics II	5				
CPSC 111 Introduction to Computer Science	3				
			Minimum total credits to graduate	**124**	

*Refer to each term's advising handbook for options

WPR = Writing Proficiency Required

Revised F20