Name: _____ Date: _____ Advisor: _____

Applied Mathematics-Physics

Suggested Course Sequencing: Recommend 15 – 17 semester hours; however, attending summer school will reduce semester hours. Students should work with their academic advisor to choose electives based on their career plans.

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
	16

Semester 2	Cr
MATH 232 Calculus II	4
MATH 210 Elementary Statistics	3
BIBL 115 Old Testament Literature	3
FIN 138 Personal Finance	3
ENGL 111 Composition	3
EXER 101 Lifetime Health Awareness	1
	17

Sophomore year

Semester 1	Cr
MATH 233 Calculus III	4
PHYS 231 Engineering Physics I	5
BIBL 116 New Testament Literature	3
Effective Communication Option	3
	15

Semester 2	Cr
MATH 431 Differential Equations	3
PHYS 232 Engineering Physics II	5
Historical Inquiry Option	3
PSYC 138 Psychology of Healthy Relationships	3
Elective	3
	17

Junior year

Semester 1	Cr
MATH 331 Linear Algebra	3
PHYS Elective	3
BIBL 360-370 Book Study	3
Reading and Imagination Option	3
Elective	3
	15

Semester 2	Cr
PHYS Upper Division Elective	3
Artistic Expression Option	3
Behavioral and Social Sciences Option	3
ICST 454 Global Cultures & Compassion	3
Upper Division Elective	3
	15

Senior year

Semester 1	Cr
MATH Upper Division Elective	3
PHYS Upper Division Elective	3
Humanities Option	3
THEO 320 Pentecost	3
Elective	3
	15

Semester 2	Cr
PHYS Upper Division Electives	6
Upper Division Elective	3
Electives	6
	15

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.

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 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: _____

Applied Mathematics-Physics

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 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	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. 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.		

Major Requirements (24 MATH hours, 24 PHYS hours, 5 CHEM hours, 3 CPSC hours required)

	Cr	☑		Cr	☑
Required Math Courses			**Required Physics Courses**		
MATH 210 Elementary Statistics	3		PHYS 231 Engineering Physics I	5	
MATH 231 Calculus I	4		PHYS 232 Engineering Physics II	5	
MATH 232 Calculus II	4		**Elective Physics Courses (Select five)**		
MATH 233 Calculus III	4		PHYS 245 Circuit Analysis	3	
MATH 331 Linear Algebra	3		PHYS 342 Thermodynamics	3	
MATH 431 Differential Equations	3		PHYS 351 Statics	3	
Elective Math Courses (Select one)			PHYS 352 Dynamics	3	
MATH 310 Probability and Statistical Inference	3		PHYS 411 Modern Physics	3	
MATH 410 Data Science	3		PHYS 412 Electromagnetism	3	
MATH 432 Numerical Analysis	3		**Required CPSC Course**		
Required Chemistry Course			CPSC 111 Introduction to Computer Science	3	
CHEM 111 General Chemistry I	5				
			Minimum total credits to graduate	**124**	

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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