Name: _____ Date: _____ Advisor: _____

Engineering Dual Degree: Applied Math-Physics

The Dual Degree Program in Engineering requires a student to complete at least 78 hours at Evangel and then receive an engineering degree from any ABET accredited school. Upon receiving the engineering degree, the student qualifies for a B.S. in Applied Math-Physics from Evangel. The student should work with the pre-engineering advisor and the transfer school to design a program which meets the goals.

Freshman year

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

Semester 2	Cr
MATH 210 Statistics	3
MATH 232 Calculus II	4
BIBL 115 Old Testament Literature	3
ENGL 111 Composition	3
FIN 138 Personal Finance	3
	16

Sophomore year

Semester 1	Cr
Science Elective [c]	3
PHYS 231 Engineering Physics I	5
MATH 233 Calculus III	4
BIBL 116 New Testament Literature	3
Artistic Expression Option	3
	18

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

Junior year

Semester 1	Cr
Effective Communication Option	3
Reading and Imagination Option	3
THEO 320 Pentecost	3
Science Electives [c]	6
	15

Semester 2	Cr
Student Transfers	
	0

Total minimum to graduate 78

[a] Those not prepared for CHEM 111 should take CHEM 101 - Introduction to Chemistry.
[b] Those not prepared for Calculus should take MATH 129 - College Algebra and Trigonometry.
[c] Science electives are based on engineering emphasis.

Graduation requires an overall GPA of at least 2.0.
The listing above only represents a suggested course sequencing as required to graduate with this major. The student is 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: _____

Engineering Dual Degree: Applied Math-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	☑
DEPT 100 University Seminar	1		Effective Communication Option (WPR)**	3	
BIBL 111 Essential Christianity	3		MATH 210 Statistics (Preferred) or 129 or 231	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	NA	Behavioral and Social Sciences Option*	3	NA
THEO 320 Pentecost	3		Humanities Option*	3	NA
ICST 350 Global Connections*	3	NA	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.		

Required Math/Science Courses (33 hours)

	Cr	☑		Cr	☑
CHEM 111 General Chemistry I	5		MATH 231 Calculus I	4	
PHYS 231 Engineering Physics I	5		MATH 232 Calculus II	4	
PHYS 232 Engineering Physics II	5		MATH 233 Calculus III	4	
CPSC 111 Introduction to Computer Science	3		MATH 431 Differential Equations	3	

Elective Science Courses (11 hours)

	Cr	☑		Cr	☑
PHYS 245 Electric Circuit Analysis	3		CHEM 112 General Chemistry II	5	
PHYS 342 Thermodynamics	3		CHEM 431 Physical Chemistry I	4	
PHYS 351 Statics	3		CPSC 211 Data Structures	3	
PHYS 352 Dynamics	3				
PHYS 411 Modern Physics	3				
PHYS 412 Electromagnetism	3				

Minimum total credits to graduate **78**

*Refer to each term's advising handbook for options

WPR = Writing Proficiency Required

Revised F20

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