

## Spring Arbor University Advising Guide

NAME

ID

ADVISOR

MAJOR: PHYSICS (3-2) ENGINEERING			37-38 Hours
Have	Need	Grade	
0	4		CHE 111 General Chemistry I
0	4		CHE 112 General Chemistry II
0	4		CPS 201 Foundations of Computing I
0	4		MAT 201 Calculus I
0	4		MAT 202 Calculus II
0	3		MAT 302 VECTOR CALCULUS
0	3		MAT 311 Differential Equations
0	4		PHY 211 Modern Univ Physics I
0	4		PHY 212 Modern University Physics II
0	3		<b>Choose one of the following Physics:</b>
0	0		PHY 311 Electromagnetism
0	0		PHY 321 Intermediate Mechanics
0	0		PHY 349 Electronics
0	0		PHY 350 Intermediate Laboratory
0	0		PHY 351 Heat & Thermodynamics
0	0		PHY 372 Atomic & Nuclear Physics
0	37		<b>Total</b>

REQUIRED SUPPORT			18 hours
Have	Need	Grade	
0	0		
0	15		15 hours of electives including at least 6 Upper level from any of the following: HIS, GEO, POL, ART, MUS
0	3		ECN221, OR ECN222
	0		
0	0		
0	0		
0	0		
0	0		
0	18		<b>Total</b>

CORE			
Have	Need	Grade	
0	3		COL 100 Discovery in the Liberal Arts
0	3		COL 200 Christian Faith
0	1		COL 274 Cross Cultural Orientation
0	3		COL 275 Cross Cultural Studies
0	3		COL 300 The Christian Faith: It's Practices
0	3		COL 400 The Christian-Contemporary World
0	16		<b>Total</b>
WRITING ~ ORAL COMMUNICATION ~ PHYSICAL FITNESS			
0	3		ENG 104 College Writing*
0	3		ENG 304 Writing and Research**
0	2		HPR 101 Personal Fitness & Wellness
0	3		SPE 100 Oral Comm <i>or</i> SPE 212 Fund.*
0	11		<b>Total</b>

\* A 2.0+ GPA is required in ENG 104 and SPE.  
 \*\* ENG 304 is waived by successful completion of the junior writing proficiency.

LIBERAL ARTS REQUIREMENTS			
Have	Need	Grade	
0	2		ART 152 Art Foundations
0	2		MUS 152 Music Foundations
0	3		ENG 112 World Literature
0	0	*	Lab Science
0	0	*	MAT 101 <i>or</i> 104 <i>or</i> higher
0	3		PHI 200 Intro to Phil <i>or</i> PHI 210 Worldviews
0	3		BIB 217 Survey of the Old Testament
0	3		BIB 218 Survey of the New Testament
0	3		POL 213, <i>or</i> HIS 141, <i>or</i> HIS 142
0	3		ECN 221 Microecon. 222 Macroecon.
0	22		<b>Total</b>

\* This requirement is fulfilled by a course taken in the major or required support.

SUMMARY	
Date of Evaluation:	Date of last revision:
Teacher Certification: No <input checked="" type="checkbox"/> Elementary <input type="checkbox"/> Secondary <input type="checkbox"/>	
Anticipated Graduation Date :	Combined GPA :
Transcripts evaluated :	

	Need		Need		Need
COL		Major			
Comm		Support			
LAR		Minor			
Electives		Support			
<b>Transfer Hours (max of 68 community college hrs)</b>					
SAU Hour s	0				
Total Hours Needed	0 (124 hours)				
Upper Level Hours Completed	0 (40 hours)				