Spring Arbor University
Advising Guide

NAME **ID** **ADVISOR**

MAJOR: PHYSICS-MATHEMATICS			36 Hours
Have	**Need**	**Grade**	
0	16		**Choose 24 credits from the following:**
0	0		PHY 211 Modern Univ Physics I
0	0		PHY 212 Modern University Physics II
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	0		
0	12		**Choose 12 credits from the following:**
0	0		MAT 232 Discrete Mathematics
0	0		MAT 321 Abstract Algebra I
0	0		MAT 322 Abstract Algebra II
0	0		MAT 351 Statistics
0	0		MAT 352 Linear Algebra
0	0		MAT 360 Mathematical Modeling
0	0		MAT 363 Theory of Statistics I
0	0		MAT 364 Theory of Statistics II
0	0		MAT 401 Real Analysis
0	0		MAT 402 Numerical Analysis
0	0		MAT 421 Modern Geometry
0	0		MAT 422 Seminar: Topics in Adv Math
0	0		
0	4		CPS 201 Foundations of Computing I
0	4		CPS 202 Foundations of Computing II
0	0		
0	36		**Total**

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		**Total**
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	2		SPE 100 Oral Comm *or* SPE 212 Fund.*
0	10		**Total**

* *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			
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 *or* 104 *or* higher
0	3		PHI 200 Intro to Phil *or* PHI 210 Worldviews
0	3		BIB 217 Survey of the Old Testament
0	3		BIB 218 Survey of the New Testament
0	3		HIS 121 *or* 122 *or* 141 *or* 142 *or* 221
0	3		ECN *or* PSY *or* SOC
0	22		**Total**

* *This requirement is fulfilled by a course taken in the major.*

SUMMARY

Date of Evaluation: **Date of last revision:**

Teacher Certification: **No** ☒ **Elementary** ☐ **Secondary** ☐

Anticipated Graduation Date : **Combined GPA :**

Transcripts evaluated :

	Need		Need		Need
COL	0	Major	0		
Comm	0	Support	0		
LAR	0	Minor	0		
Electives	0	Support	0		

Transfer Hours	**0**	**(max of 68 community college hrs)**
SAU Hour s	**0**	
Total Hours Needed	**0**	**(124 hours)**
Upper Level Hours Completed		**(40 hours)**