## Spring Arbor University Advising Guide ADVISOR

MAJO	R: BIOC	CHEMISTI	RY BA	52-58 Hours	
Have	Need	Grade			
0	4			1 Introductory Biology I	
0	4		BIO 11	2 Introductory Biology II	
0	4		BIO 30	5 Principles of Genetics	
0	4		BIO 35	2 Microbiology	
0	3		BIO 40	1 Cell Biology OR	
0	0		BIO 4	406 Molecular Genetics	
0	4		CHE 11	1 General Chemistry I	
0	4		CHE 11	2 General Chemistry II	
0	5		CHE 201 Organic Chemistry I		
0	4		CHE 20	2 Organic Chemistry II	
0	4		CHE 30	11 Analytical Chemistry	
0	2		CHE 48	30 Chemistry Seminar	
0	5		BIO/CH	IE 472 Biological Chemistry I	
0	4		BIO/CH	IE 473 Biological Chemistry II	
0	0				
0	1		Choose	one of the following:	
0	0			IE 390 Independent Study (1-4)	
0	0		BIO/CH	BIO/CHE 460 Research Project (3-4)	
0	0		BIO/CHE 490 Honors Research 3-6)		
0	52		Total		
REQUIRED SUPPORT				11 Hours	
Have	Need	Grade			
0	3		MAT/HES 351 Statistics		
0	4		PHY 201 General Physics I		
0	4		PHY 202 General Physics II		
0	11		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
WRITI	NG ~ OR	AL COMN	HUNICATION ~ 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 courses taken in the major.

SUMMARY				
Date of Evaluation:Date of last revision:				
Teacher Certification:	No 🖂	Elementary	Secondary	
Anticipated Graduation	n Date :	Combined GPA :		
Transcripts evaluated :				

	Need		Need		Need
COL	0	Major	0	Minor	0
Comm	0	Support	0	Support	0
LAR	0				
Electives	0				
<b>Transfer Hour</b>	S	(max o	f 68 comn	nunity college l	hrs)
SAU Hours					
Total Hours N	eeded	<b>0</b> (124 h	ours)		
Upper Level H	lours Cor	npleted		(40 hours)	