

# Spring Arbor University Advising Guide

NAME

ID

ADVISOR

MAJOR: BIOCHEMISTRY BS			56-61 Hours
Have	Need	Grade	
0	4		BIO 111 Introductory Biology I
0	4		BIO 112 Introductory Biology II
0	4		BIO 305 Principles of Genetics
0	4		BIO 352 Microbiology
0	3		BIO 401 Cell Biology OR
0	0		BIO 406 Molecular Genetics
0	4		CHE 111 General Chemistry I
0	4		CHE 112 General Chemistry II
0	5		CHE 201 Organic Chemistry I
0	4		CHE 202 Organic Chemistry II
0	4		CHE 301 Analytical Chemistry
0	4		CHE 411 Physical Chemistry I OR
0	0		CHE 412 Physical Chemistry II
0	2		CHE 480 Chemistry Seminar
0	5		BIO/CHE 472 Biological Chemistry I
0	4		BIO/CHE 473 Biological Chemistry II
0	0		
0	3		Choose one of the following:
0	0		BIO/CHE 460 Research Project (3-4)
0	0		BIO/CHE 490 Honors Research 3-6)
0	58		<b>Total</b>
REQUIRED SUPPORT			16 Hours
Have	Need	Grade	
0	4		MAT 201 Calculus I
0	4		MAT 202 Calculus II
0	4		PHY 211 Modern University Physics I
0	4		PHY 212 Modern University Physics II
0	16		<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	2		SPE 100 Oral Comm <i>or</i> SPE 212 Fund.*
0	10		<b>Total</b>
<p>* A 2.0+ GPA is required in ENG 104 and SPE.  ** ENG 304 is waived by successful completion of the junior writing proficiency.</p>			
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 <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		HIS 121 <i>or</i> 122 <i>or</i> 141 <i>or</i> 142 <i>or</i> 221
0	3		ECN <i>or</i> PSY <i>or</i> SOC**
0	22		<b>Total</b>
<p>* This requirement is fulfilled by courses taken in the major.</p>			

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

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