

# Spring Arbor University

## Advising Guide

NAME

ID

ADVISOR

MAJOR: BIOCHEMISTRY BS			66-69 Hours
Have	Need	Grade	
0	0	#	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	54		<b>Total # Met in GE</b>
REQUIRED SUPPORT			
Have	Need	Grade	
0	0	#	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	12		<b>Total</b>

CORE			
Have	Need	Grade	
0	3		COR 100 Discovery in the Liberal Arts
0	3		COR 200 Christian Faith
0	1		COR 274 Cross Cultural Orientation
0	3		COR 275 Cross Cultural Studies
0	3		COR 300 The Christian Faith: It's Practices
0	3		COR 400 The Christian-Contemporary World
0	16		<b>Total</b>
LIBERAL ARTS SKILLS			
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.</p> <p>** ENG 304 is waived by successful completion of the junior writing proficiency.</p>			
LIBERAL ARTS PATHWAYS			
0	2		ART 152, 162, 165, 204, 272, 321, or 322
0	2		MUS 152, 220 or MUS 230/240 (2 Semesters)
0	3		ENG 112 World Literature
0	4		BIO 111 Introductory Biology I
0	4		MAT 201 Calculus I
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	30		<b>Total</b>
* This requirement is fulfilled by courses taken in the major.			

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
CORE	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>					