

Spring Arbor University

Advising Guide

NAME ID ADVISOR

MAJOR: BIOLOGY B.S.			
Have	Need	Grade	
0	0	#	BIO 111 Introductory Biology I
0	4		BIO 112 Introductory Biology II
0	1		BIO 170 Freshman Seminar
0	4		BIO 305 Principles of Genetics
0	4		BIO 362 Principles of Ecology
0	2		BIO 480 Senior Seminar
0	3		BIO 385 Practicum OR
0	0		BIO 450 Internship OR
0	0		BIO460 Research OR
0	0		BIO 490 Honors Research
0	0		
0	0		Choose One Concentration
0	0		
0	18		Total # Met in GE

See page two for concentration choices

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		Total
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		Total
<p>*A 2.0+ GPA is required of all students in ENG 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	3		HES 351 Statistics
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	29		Total
* This requirement is fulfilled by a course taken in the major.			

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
CORE	0	Major	0	Minor	0
Comm	0	Concentration	0	Support	0
LAR	0	Support	0		
Electives	0				
Transfer Hours (max of 68 community college hrs)					
SAU Hours					
Total Hours Needed 0 (124 hours)					
Upper Level Hours Completed (40 hours)					

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ID

CONCENTRATION: B.S. BIOLOGY CELL/MOLECULAR			
Have	Need	Grade	
0	4		BIO 352 Microbiology
0	5		BIO 472 Biological Chemistry
0	0		
0	10		10 hours from the following:
0	0		
0	0		BIO 263 Human Anatomy and Physiology
0	0		BIO 330 Plant Organismal Biology
0	0		BIO 342 Vertebrate Zoology
0	0		BIO 345 Plant Cellular & Molecular Bio.
0	0		BIO 365 Intro to Pharmacology
0	0		BIO 401 Cell Biology
0	0		BIO 404 Human Physiology
0	0		BIO 406 Molecular Genetics
0	0		BIO 458 Human Development
0	0		BIO 473 Biological Chemistry II
0	19		Total
REQUIRED SUPPORT:			
Have	Need	Grade	
0	4		CHE 111 General Chemistry
0	4		CHE 112 General Chemistry II
0	5		CHE 201 Organic Chemistry I
0	4		CHE 202 Organic Chemistry II
0	4		PHY 201 General Physics I OR
0	0		PHY 211 Modern Univ. Physics I
0	0	#	HES 351 Statistics
0	21		Total

CONCENTRATION: Environmental Biology			
Have	Need	Grade	
0	3		BIO 206 Genes and Speciation
0	4		BIO 330 Plant Organismal Biology OR
0	0		BIO 342 Vertebrate Zoology
0	0		
0	12		Au Sable Courses
0	0		
0	0		Choose One Course:
0	0		ASI 343, 361, 365, 367, or ASI 310
0	0		
0	0		Choose Two Courses
0	0		ASI 301, 302, 303, 304, 311, 318, 321, 322, 345, 355, 358, 359, 362, 368, 471, 478, 482, or ASI 332
0	0		
0	19		Total
REQUIRED SUPPORT:			
Have	Need	Grade	
0	4		CHE 111 General Chemistry
0	5		CHE 201 Organic Chemistry I
0	4		PHY 120 Earth Science OR
0	0		PHY 201 General Physics I OR
0	0		PHY 211 Modern Univ. Physics I
0	4		CPS 206 Geo. Info Systems OR
0	0		ASI 362 Env. Apps. for GIS (Au Sable)
0	0	#	HES 351 Statistics
0	0		
0	17		Total