

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	4		CHE 111 General Chemistry I
0	5		CHE 201 Organic Chemistry I
0	0	#	HES 351 Statistics
0	0		
0	3		Choose one course from the following
0	0		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 below
0	27	# Met in GE	Total

CONCENTRATION: CELL/MOLECULAR BIOLOGY			
Have	Need	Grade	
0	4		CHE 112 General Chemistry II
0	4		CHE 202 Organic Chemistry II
0	4		BIO 352 Microbiology
0	5		BIO 472 Biological Chemistry
0	4		PHY 201 General Physics I OR
0	0		PHY 211 Modern Univ. Physics I
0	10		10 hours from the following:
0	0		BIO 263 Human Anatomy and Physiology (4)
0	0		BIO 330 Plant Organismal Biology (4)
0	0		BIO 342 Vertebrate Zoology (4)
0	0		BIO 345 Plant Cellular & Molecular Bio. (4)
0	0		BIO 365 Intro to Pharmacology (3)
0	0		BIO 401 Cell Biology (3)
0	0		BIO 404 Human Physiology (4)
0	0		BIO 406 Molecular Genetics (4)
0	0		BIO 458 Human Development (4)
0	0		BIO 473 Biological Chemistry II
0	31		Total

CONCENTRATION: Environmental Biology			
Have	Need	Grade	
0	4		One Au Sable May Course
0	8		Two Au Sable Summer Courses (See ausable.org)
0	4		CPS 206 Geo. Info Systems OR
0	0		ASI 362 Env. Apps. for GIS (Au Sable)
0	3		BIO 206 Genes and Speciation
0	4		BIO 330 Plant Organismal Biology OR
0	0		BIO 342 Vertebrate Zoology
0	4		PHY 120 Earth Science OR
0	0		PHY 201 General Physics I OR
0	0		PHY 211 Modern Univ. Physics I
0	0		
0	27		Total

CORE			
Have	Need	Grade	
0	3		COR 100 Life in Community
0	3		COR 200 Community, Place & Responsblty
0	1		COR 274 Community Across Culture Orientn
0	3		COR 275 Community Across Culture
0	3		COR 300 Community and Christian Tradn
0	3		COR 400 Community to Come
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 or SPE 212 Fund.*
0	10		Total
*A 2.0+ GPA is required of all students in ENG and SPE. **ENG 304 is waived by successful completion of the junior writing proficiency.			
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 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	29		Total

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

	Need		Need		Need
CORE	0	Major	0	Minor	0
LAS	0	Concentration	0		
LAP	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)					

Strongly recommended: MAT 201 and PHY 202