Spring Arbor University
Advising Guide

NAME   **ID**   **ADVISOR**

MAJOR: BIOLOGY GRADUATE SCHOOL BS   38 Hours

Have	Need	Grade	
0	4		BIO 111 Introductory Biology I
0	4		BIO 112 Introductory Biology II
0	1		BIO 170 Freshman Seminar
0	2		BIO 480 Senior Seminar
0	0		
0	4		**Choose One of the following:**
0	0		BIO 385 Practicum
0	0		BIO 460 Research
0	0		BIO 490 Honors Research
0	0		
0	23		**Choose elective credits to 38 from the following:**
0	0		BIO 206 Genes and Speciation
0	0		BIO 263 Human Anatomy and Physiol
0	0		BIO 281 Environmental Science
0	0		BIO 305 Principles of Genetics
0	0		BIO 321 Parasitology
0	0		BIO 330 Plant Organismal Biology
0	0		BIO 342 Vertebrate Zoology
0	0		BIO 345 Plant Cellular & Molecular Bio.
0	0		BIO 352 Microbiology
0	0		BIO 362 Principles of Ecology
0	0		BIO 401 Cell Biology
0	0		BIO 404 Human Physiology
0	0		BIO 406 Molecular Genetics
0	0		BIO 472 Biological Chemistry I
0	0		BIO 473 Biological Chemistry II
0	38		**Total**

REQUIRED SUPPORT   Hours 23-24

Have	Need	Grade	
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	3		CPS 150 Intro to Computers OR
0	0		CPS 206 Geographic Info Systems
0	3		HES 351 Statistics
0	23		**Total**

Additional Courses Recommended

Have	Need	Grade	
0	0		MAT 201 Calculus I OR
0	0		Mat 222 Applied Calculus
0	0		PHY 201 General Physics I OR
0	0		PHY 211 Modern Physics I
0	0		PHY 202 General Physics II OR
0	0		PHY 212 Modern Physics II

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**

WRITING ~ ORAL COMMUNICATION ~ PHYSICAL FITNESS

Have	Need	Grade	
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 REQUIREMENTS

Have	Need	Grade	
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 Old Testament Foundations
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 a course taken in the major.

SUMMARY

Date of Evaluation: **Date of last revision:**

Teacher Certification: No ☒   Elementary ☐   Secondary ☐

Anticipated Graduation Date :   **Combined GPA :**

Transcripts evaluated :

	Need		Need		Need
COL	0	Major	0		
Comm	0	Support	0		
LAR	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)**