

# Spring Arbor University

## Advising Guide

NAME

ID

ADVISOR

MAJOR: BIOLOGY SECONDARY EDUC 35 Hours			
Have	Need	Grade	
0	4		BIO 111 Introductory Biology I
0	4		BIO 112 Introductory Biology II
0	3		BIO 206 Genes and Speciation
0	4		BIO 263 Human Anatomy and Physiology
0	4		BIO 305 Principles of Genetics
0	4		BIO 352 Microbiology
0	4		BIO 362 Principles of Ecology
0	2		BIO 480 Senior Seminar
0	0		
0	4		Choose one of the following:
0	0		BIO 242 Vertebrate Zoology
0	0		BIO 330 Plant Organismal Biology
0	0		BIO 345 Plant Cell & Molecular Biology
0	0		BIO 321 Parasitology
0	0		
0	2		Elective courses from BIO
0	0		
0	0		
0	35		<b>Total</b>
REQUIRED SUPPORT		16 Hours	
Have	Need	Grade	
0	4		CHE 101 Introduction Chemistry OR
0	0		CHE 111 General Chemistry I
0	4		CHE 112 General Chemistry II
0	5		CHE 201 Organic Chemistry
0	3		HES 351 Statistics
0	16		<b>Total</b>
STRONGLY RECOMMENDED			
0	4		PHY 102 Conceptual Physics

SECONDARY CERTIFICATION			
Have	Need	Grade	
Secondary Professional			
0	3		EDU 140 Exploring Critical Skills
0	2		EDU 202 Issues & Trends in Amer Educ
0	2		EDU 242 Psych app Teach & Lrng
0	4		EDU 271 The Diverse Learner
0	3		*EDU 360 Integrating Technology
0	3		EDU 425 Reading in Middle & Second
0	3		EDU 429 Effective Teaching Strategies
0	2		EDU Methods (Major)
0	2		EDU Methods (Minor)
0	3		EDU 430S Seminar in Teaching SEC
0	9		EDU 450S Directed Teaching SEC
0	36		Totals
Prerequisite			3 hours
0	3		CPS150 Introduction to Computers
0	3		Total

*\*CPS 150 is a prerequisite to this course.*

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>
*A 2.0+ GPA is required of all students in ENG and SPE. Students certifying to teach must have a grade of 2.67+ in ENG 104 & 304.  **ENG 304 is waived by successful completion of the junior writing proficiency.			
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 Old Testament Foundations
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	4		PSY 100 Introduction to Psychology
0	23		<b>Total</b>
* Requirements met by courses in the major			

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

	Need		Need		Need
COL	0	Major	0	Secondary	0
Comm	0	Support	0		
LAR	0	Minor	0		
Electives	0	Support	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>					