

ALABAMA STATE UNIVERSITY  
 COLLEGE OF ARTS AND SCIENCES  
 DEPARTMENT OF BIOLOGICAL SCIENCES  
 BIOLOGY CURRICULUM GUIDE  
 Basic Curriculum Sequence  
 (Leading to the Bachelor of Science Degree)  
 EFFECTIVE 2008 FALL SEMESTER

Name \_\_\_\_\_ Student #: \_\_\_\_\_

(A) CORE CURRICULUM (44 SH)  
 (AREAS I - IV)

I. English Composition (6 SH)	<u>CRSE#</u>	<u>CRS.</u>	<u>GRADE</u>	<u>SEM. COMP</u>
English Composition	ENG 131	3	_____	_____
English Composition	ENG 132	3	_____	_____
or				
English Composition	ENG 140	3	_____	_____
English Composition	ENG 141	3	_____	_____

**II. Humanities and Fine Arts (12 SH)  
 Required Courses:**

Humanities Through the African American Experience*	HUM 103	3	_____	_____
*Requirement for originating ASU students.				
and				
Introduction to Literature**	ENG 209	3	_____	_____
or				
Introduction to Literature**	ENG 210	3	_____	_____
Choose one of the following:				
Introduction to Theatre	THE 111	3	_____	_____
Music Appreciation	MUS 121	3	_____	_____
Art Appreciation	ART 131	3	_____	_____

**\*\*Students completing the 6 semester hour literature sequence (ENG 209 and ENG 210) are only required to complete 3 semester hours of the history sequence (HIS 131 or 132) and are not required to take a humanities elective. Students are required to complete a total of 12 semester hours in Area II (Humanities and Fine Arts).**

**Humanities Elective: (Choose one of the following)\*\***

Humanities	HUM 101	3	_____	_____
Humanities	HUM 102	3	_____	_____
Voice and Diction	CMS 200	3	_____	_____
Public Speaking	CMS 205	3	_____	_____
Logical Reasoning	PHL 201	3	_____	_____

	<u>CRSE#</u>	<u>CRS.</u>	<u>GRADE</u>	<u>SEM. COMP</u>
<b>III. Natural Sciences and Mathematics (13 SH)</b>				
<b>(A) Natural Sciences (8 SH)</b>				
General Biology	BIO 127	4	_____	_____
General Biology	BIO 128	4	_____	_____
<b>(B) Mathematics and Computer Science (5 SH)</b>				
Pre-Calculus Trigonometry	MAT 165	5	_____	_____
<b>IV. History, Social, and Behavioral Sciences (12 SH)</b>				
<b>Required Courses:</b>				
World Geography* and	GEO 206	3	_____	_____
World History**	HIS 131	3	_____	_____
World History**	HIS 132	3	_____	_____
<b>* Requirement for originating ASU students.</b>				
<b>**Students satisfying the 6 semester hour history sequence (HIS 131 and 132) are only required to complete 3 semester hours of the literature sequence (ENG 209 and 210) and only one history, social and behavioral science elective. Students are required to complete a total of 12 semester hours in Area IV (History, Social and Behavioral Sciences)</b>				
<b>History, Social, and Behavioral Sciences Electives: (Choose two of the following)**</b>				
Societies Around the World	ANT 113	3	_____	_____
Principles of Economics	ECO 251	3	_____	_____
Introduction to Economics	ECO 254	3	_____	_____
American Government	POS 207	3	_____	_____
General Psychology	PSY 251	3	_____	_____
Introduction to Sociology	SOC 110	3	_____	_____
<b>Orientation – Required of All Undergraduates (1 SH)</b>				
Freshman Orientation	ORI 100	1	_____	_____

**B) PRE-PROFESSIONAL STUDIES (19 HRS)  
(AREA V)**

	<u>CRSE#</u>	<u>CRS.</u>	<u>GRADE</u>	<u>SEM. COMP</u>
<b>V. Pre-Professional, Major Courses (19 SH)</b>				
General College Chemistry I	CHE 141	4	_____	_____
General College Chemistry II	CHE 142	4	_____	_____
College Physics I	PHY 206	4	_____	_____
College Physics II	PHY 207	4	_____	_____
Information Systems	CIS 205	3	_____	_____
<b>or</b>				
Introduction to Computer Science	CSC 210	3	_____	_____

**C) PROFESSIONAL – MAJOR FIELD CURRICULUM (54 SH)  
(AREAS VI - VIII)**

**VI. Required Major Courses (32 SH)**

General Zoology	BIO 240	4	_____	_____
General Botany	BIO 241	4	_____	_____
Population Biology and Evolution	BIO 305	3	_____	_____
Ecology	BIO 310	4	_____	_____
Human Physiology	BIO 320	4	_____	_____
Cell Biology	BIO 337	4	_____	_____
Biological Techn. & Instrum.	BIO 350	4	_____	_____
Molecular Bio. & Genetics	BIO 420	4	_____	_____
Seminar in Biology	BIO 450	1	_____	_____

**VII. Major Course Electives (12 SH) BIO 300 – 400 level courses**

_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____

**VIII. Required Support Courses (10 SH)**

Organic Chemistry I	CHE 211	5	_____	_____
Organic Chemistry II	CHE 212	5	_____	_____

**(D) FREE ELECTIVE (6 HRS)  
(AREA IX)**

**IX. General Electives (6 SH)**

_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____

**TOTAL SEMESTER HOUR REQUIREMENTS\*\*\*\*\*123**

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This is an official student record and is not to be removed from the Office of the Department of Biological Sciences. If the student transfers to another program (change of major), this record will be transferred through official channels to the appropriate department, requiring a written acknowledgment of receipt. In compliance with the intent of the Federal Privacy Act, only the student, the student's advisor, or any other faculty member or administrator who has a legitimate reason, will have access to the contents of this record. The assigned advisor is responsible for compliance with this requirement.

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Name: \_\_\_\_\_ SS# \_\_\_\_\_

Home Address: \_\_\_\_\_  
City State Zip Code

Local (Campus) Address: \_\_\_\_\_  
\_\_\_\_\_

Major: \_\_\_\_\_ Minor: \_\_\_\_\_

Career/Objective: \_\_\_\_\_

University College Advisor: \_\_\_\_\_  
\_\_\_\_\_

Major Field Advisor: \_\_\_\_\_  
\_\_\_\_\_

Reading Requirement: Date Fulfilled \_\_\_\_\_

English Proficiency Examination: Date Taken \_\_\_\_\_ Passed: Yes \_\_\_\_\_ No \_\_\_\_\_

Baccalaureate Writing Competency Test: Date Taken \_\_\_\_\_ Passed: Yes \_\_\_\_\_ No \_\_\_\_\_

Senior Comprehensive Performance Evaluation Date Satisfied \_\_\_\_\_

Expected Graduation Date: \_\_\_\_\_

\_\_\_\_\_  
Student's Signature

\_\_\_\_\_  
Date

\_\_\_\_\_  
Advisor's Signature

\_\_\_\_\_  
Date

\_\_\_\_\_  
Department Chair's Signature

\_\_\_\_\_  
Date