

ALABAMA STATE UNIVERSITY
 COLLEGE OF ARTS AND SCIENCES
 DEPARTMENT OF BIOLOGICAL SCIENCES
 CURRICULUM GUIDE
 BIOLOGY PRE-HEALTH CURRICULUM
 (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 satisfying 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> |
|--|--------------|-------------|--------------|------------------|
| III. Natural Sciences and Mathematics (13 SH) | | | | |
| (A) Natural Sciences (8 SH) | | | | |
| General Biology | BIO 127 | 4 | _____ | _____ |
| General Biology | BIO 128 | 4 | _____ | _____ |
| (B) Mathematics and Computer Science (5 SH) | | | | |
| Pre-Calculus Trigonometry | MAT 165 | 5 | _____ | _____ |

IV. History, Social, and Behavioral Sciences (12 SH)
Required Courses:

| | | | | |
|-------------------------|---------|---|-------|-------|
| World Geography* and | GEO 206 | 3 | _____ | _____ |
| World History** | HIS 131 | 3 | _____ | _____ |
| World History** | HIS 132 | 3 | _____ | _____ |

*** Requirement for originating ASU students.**

****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 are only required to take 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)**

History, Social, and Behavioral Sciences Electives: (Choose two of the following)**

| | | | | |
|----------------------------|---------|---|-------|-------|
| 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 | _____ | _____ |

Orientation – Required of All Undergraduates (1 SH)

| | | | | |
|----------------------|---------|---|-------|-------|
| Freshman Orientation | ORI 100 | 1 | _____ | _____ |
|----------------------|---------|---|-------|-------|

**B) PRE-PROFESSIONAL STUDIES (23 HRS)
(AREA V)**

| | <u>CRSE#</u> | <u>CRS.</u> | <u>GRADE</u> | <u>SEM. COMP</u> |
|---|--------------|-------------|--------------|------------------|
| V. Pre-Professional, Major Courses (23 SH) | | | | |
| Calculus & Analytic Geometry | MAT 265 | 4 | _____ | _____ |
| 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 System | CIS 205 | 3 | _____ | _____ |
| or | | | | |
| Introduction to Computer Science | CSC 210 | 3 | _____ | _____ |

**C) PROFESSIONAL – MAJOR FIELD CURRICULUM (55 SH)
(AREAS VI - VII)**

| | | | | |
|--|---------|---|-------|-------|
| VI. Required Major Courses (41 SH) | | | | |
| Intro to Health Professions | BIO 200 | 1 | _____ | _____ |
| General Zoology | BIO 240 | 4 | _____ | _____ |
| General Botany | BIO 241 | 4 | _____ | _____ |
| Human Anatomy | BIO 319 | 4 | _____ | _____ |
| Human Physiology | BIO 320 | 4 | _____ | _____ |
| Gen. Microbiology | BIO 323 | 4 | _____ | _____ |
| Cell Biology | BIO 337 | 4 | _____ | _____ |
| Biological Techn. & Instrum. | BIO 350 | 4 | _____ | _____ |
| Molecular Bio. & Genetics | BIO 420 | 4 | _____ | _____ |
| Animal Histology | BIO 421 | 4 | _____ | _____ |
| Immunology | BIO 425 | 3 | _____ | _____ |
| Seminar in Biology | BIO 450 | 1 | _____ | _____ |
| VII. Required Support Courses (14 SH) | | | | |
| Organic Chemistry I | CHE 211 | 5 | _____ | _____ |
| Organic Chemistry II | CHE 212 | 5 | _____ | _____ |
| Biochemistry | CHE 421 | 4 | _____ | _____ |

TOTAL SEMESTER HOUR REQUIREMENTS***122**

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.

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 _____ N/A _____ Passed: Yes _____ No _____

Baccalaureate Writing Competency Test: Date taken _____ N/A _____ 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