

Effective: Fall 2007

JACKSON STATE UNIVERSITY
Curricular Sheet
Bachelor of Science Degree

Major: Biology

Concentration: Marine Science

FRESHMAN YEAR

BIO 111, BIOL 111
BIO 112, BIOL 112
BIO 114
CHEM 141, CHML 141
CHEM 142, CHML 142
MATH 111
MATH 112
ENG 104
ENG 105
UNIV 100^a

General Biology
General Biology
Intro to Marine/Environmental Sciences
General Chemistry
General Chemistry
College Algebra
Trigonometry
Composition and Literature
Composition and Literature
University Success in College

FALL

SPRING

4

4

3

3

2

16

4

2

4

3

3

16

(Freshman Year Total Hours: 32)

SOPHOMORE YEAR

BIO 119, BIOL 119
BIO 218, BIOL 218
BIO 390 (w)
CHEM 241, CHML 241
CHEM 242, CHML 242
MATH 231, MATL 231
ENG 205
Fine Arts Option^b

General Botany
Comparative Anatomy
Seminar in Biology
Organic Chemistry
Organic Chemistry
Calculus I
World Literature

4

4

4

3

15

4

1

4

3

12

(Sophomore Year Total Hours: 27)

JUNIOR YEAR

BIO 313, BIOL 313
BIO 318 (w), BIOL 318
BIO 304
PHY 201, PHYL 201
PHY 202, PHYL 202
PE 101^c
PE 102^c
MFL 101^d
MFL 102^d
HIST 101
HIST 102
Philosophy Option^e

Introduction to Microbiology
Introduction to Genetics
Marine Science
Basic Physics I
Basic Physics II
Physical Education
Physical Education
Modern Foreign Language
Modern Foreign Language
History of Civilization
History of Civilization

4

4

1

3

3

3

18

4

2

4

1

3

3

17

(Junior Year Total Hours: 35)

SENIOR YEAR

BIO 392 (s)
BIO 436 (w), BIOL 436
CSC 115
Social Science Option^f
Speech Option^g
Marine Science Electives^h
General Electivesⁱ

Independent Study
Marine Botany
Digital Computer Principles

2

4

3

4

3

16

3

3

4

4

14

(Senior Year Total Hours: 30)

TOTAL HOURS: 124

- Students scoring a subscore below 16 in English on the ACT will be placed in ENG 002.
 - Students scoring a subscore below 16 in Mathematics on the ACT will be placed in Math 004.
- a Students who transfer 12 or more hours of college credit are exempt from UNIV 100
 - b ART 206, MUS 205, DR 201, ENG 201 or ENG 202 may be taken
 - c HE 101 (3 credit hours) may be taken in place of PE 101 (1 credit hour) and PE 102 (1 credit hour)
 - d Students who have completed two years of a single foreign language in high school with grades of “C” or better are exempt from the foreign language requirements
 - e PHIL 301, PHIL 308, PHIL 309 or PHIL 416 may be taken.
 - f SS 201, SS 202, GEO 105, GEO 209, SOC 214, SOC 325, PS 334, PS 335, PS 336, ECO 211, ECO 212, PSY 111, OR PSY 112 may be taken
 - g SPCH 201, SPCH 216, SPCH 334, SPCH 335, or SPCH 430 may be taken
 - h BIO 202, BIO 236, BIO 412, BIO 414, BIO 425, BIO 431, BIO 433, BIO 434, BIO 438, BIO 450, BIO 480, BIO 481 or BIO 550 may be taken
 - i Students may not take Biology, Math, Chemistry or Physics for a general elective

NOTE: Laboratory courses must be taken during the same semester as lecture for biology, chemistry and physics courses unless approved by the department chair.