

Effective: Fall 2012

JACKSON STATE UNIVERSITY
Curricular Sheet
Bachelor of Science Degree

Major: Biology

Concentration: Marine Science

FRESHMAN YEAR

		FALL	SPRING
BIO 111, BIOL 111	General Biology	4	
BIO 112, BIOL 112	General Biology		4
BIO 114	Intro to Marine/Environmental Sciences		2
CHEM 141, CHML 141	General Chemistry	4	
CHEM 142, CHML 142	General Chemistry		4
MATH 111	College Algebra	3	
MATH 112	Trigonometry		3
ENG 104	Composition and Literature	3	
ENG 105	Composition and Literature		3
UNIV 100 ^a	University Success in College	2	
	(Freshman Year Total Hours: 32)	16	16

SOPHOMORE YEAR

BIO 119, BIOL 119	General Botany	4	
BIO 115, BIOL 115	General Zoology		4
CHEM 241, CHML 241	Organic Chemistry	4	
CHEM 242, CHML 242	Organic Chemistry		4
MATH 241	Calculus I		3
ENG 205	World Literature	3	
PE XXX ^b	Physical Education	1	
PE XXX ^b	Physical Education		1
CSC 115	Digital Computer Principles		3
	(Sophomore Year Total Hours: 27)	12	15

JUNIOR YEAR

BIO 313, BIOL 313	Introduction to Microbiology	4	
BIO 318 (w), BIOL 318	Introduction to Genetics		4
BIO 304	Marine Science		2
BIO 390 (w)	Seminar in Biology		1
BIO 392 (s)	Independent Study	2	
PHY 201, PHYL 201	Basic Physics I	4	
PHY 202, PHYL 202	Basic Physics II		4
MFL XXX ^c	Modern Foreign Language	3	
MFL XXX ^c	Modern Foreign Language		3
HIST 101	History of Civilization	3	
HIST 102	History of Civilization		3
	(Junior Year Total Hours: 33)	16	17

SENIOR YEAR

BIO 436 (w), BIOL 436	Marine Botany	4	
Fine Arts Option ^d			3
Philosophy Option ^e		3	
Social Science Option ^f			3
Speech Option ^g		3	
Marine Science Electives ^h		4	4
General Electives ⁱ		4	4
	(Senior Year Total Hours: 32)	18	14

TOTAL HOURS: 124

- ❖ Students earning a sub score less than 17 in English on the ACT (or the corresponding score on the SAT) will be placed in ENG 002.
 - ❖ Students earning a sub score less than 17 in Mathematics on the ACT (or the corresponding score on the SAT) will be placed in Math 004.
 - ❖ Students earning a sub score less than 17 in Reading on the ACT (or the corresponding score on the SAT) will be placed in RE 002.
 - ❖ All students must take the Undergraduate English Proficiency Examination (UEPE) after the sophomore year. Students not passing the exam must take ENG 399, Functional Writing.
- a Students who transfer 12 or more hours of college credit are exempt from UNIV 100.
 - b HE 101 (3 credit hours) may be taken in place of PE XXX (1 credit hour) and PE XXX (1 credit hour) .
 - c 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. This exemption must be listed on your JSU transcript. The six credit hours must be replaced with other courses.
 - d ART 206, MUS 205, DR 201, ENG 201 or ENG 202 may be taken.
 - 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, or BIO 481 may be taken. Other courses may be taken with the approval of the department Chair.
 - 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.