

JACKSON STATE UNIVERSITY
Curricular Sheet: Bachelor of Science Degree

Major: Biology		Concentration: Quantitative Biology	
FRESHMAN YEAR		FALL	SPRING
BIO 111	General Biology I	3	
BIOL 111	General Biology Lab	1	
BIO 112	General Biology II		3
BIOL 112	General Biology II Lab		1
BIO 114	Intro to Marine/Env. Science		2
CHEM 141	General Chemistry I	3	
CHML 141	General Chemistry Lab	1	
CHEM 142	General Chemistry II		3
CHML 142	General Chemistry II Lab		1
MATH 112	Trigonometry	3	
MATH 231	Calculus I		4
ENG 104,105	Composition	3	3
UNIV 100 ^a	University Success	2	
(Freshman Year Total: 32 Hours)		16	17
SOPHOMORE YEAR			
BIO 202	Elem Biostatistics	3	
BIO 119	General Botany	3	
BIOL 119	General Botany Lab	1	
BIO 115	General Zoology		3
BIOL 115	General Zoology Lab		1
BIO 390W	Intro to Research I	1	
BIO 392S	Research II		2
CHEM 241	Organic Chemistry I	3	
CHML 241	Organic Chemistry Lab I	1	
CHEM 242	Organic Chemistry II		3
CHML 242	Organic Chemistry Lab II		1
MATH 432	Math Methods for life Sci I		3
ART xxx ^b	Fine Arts Option		3
SPCH xxx ^c	Speech Option	3	
(Sophomore Year Total: 32 Hours)		15	16
JUNIOR YEAR			
MATH 430	Math Modeling I		3
BIO 318	Genetics	3	
BIOL 318	Genetics Lab		1
PHY 201	Basis Physics I	3	
PHYL 201	Basic Physics I Lab	1	
PHY 202	Basic Physics II		3
PHYL 202	Basic Physics II Lab		1
ENG 205	World Literature	3	
PE 101,102 ^d	Physical Education Option	1	1
FLG 101,102 ^e	Modern Foreign Language Option	3	3
HIST 101,102	History of Civilization	3	3
(Junior Year Total: 30 Hours)		17	15
SENIOR YEAR			
BIO 440	Cell Biology		3
BIOL 440	Cell Biology Lab		1
BIO 470W	Human Physiology	3	
BIOL 470	Human Physiology Lab	1	
CSC 115	Digital Computer Principles for life Sci.		3
SS xxx ^f	Social Science Option	3	
PHIL xxx ^e	Philosophy Option	3	
BIO xxx ^h	Biology Electives		4
BIO 313	Microbiology	3	
BIOL 313	Microbiology Lab	1	
MATH 433	Math Methods for life Sci. II		3
(Senior Year Total: 30 Hours)		14	14
TOTAL HOURS: 124			