FAMU COLLEGE OF EDUCATION
FLORIDA AGRICULTURAL AND MECHANICAL UNIVERSITY

Biology Education (6-12)

501 Orr Drive
850.599.3123

YEAR 1 FALL

Course	Title	Hours
ENC 1101	Freshman Communication Skills I	3
EDG 1072	College Success & Beyond	3
MAC 2311	Calculus I	4
BSC 1010	General Biology I with lab	4
	Semester Hours	14

YEAR 1 SPRING

Course	Title	Hours
ENC 1102	Freshman Communication Skills II	3
BSC 1011	General Biology II with lab	4
AMH 2091	Introduction to African American History	3
MAC 2312	Calculus II	4
	Approved Humanities elective	3
CHM 1045	General Chemistry with Lab **SUMMER**	4
POS 2041	American National Government **SUMMER**	3
GLY 2001	Intro to Earth & Space Sciences **SUMMER**	3
	Semester Hours	17/10

YEAR 1 TOTAL 41

YEAR 2 FALL

Course	Title	Hours
PCB 3063C	Principles of Genetics	4
	POS 2112 or approved Social Science elective	3
EME 2040	Introduction to Technology for Educators	3
EDF 1005	Introduction to the Teaching Profession	3
	Approved Humanities elective	3
	Semester Hours	16

YEAR 2 SPRING

Course	Title	Hours
PCB 3723	Vertebrate Physiology with lab	4
ZOO 4513	Animal Behavior	3
EDF 2085	Introduction to Diversity for Educators	3
EDF 3135	The Adolescent Learner	3
	Semester Hours	13

YEAR 2 TOTAL 29

YEAR 3 FALL

Course	Title	Hours
TSL 4081	Instructional Survey for Teaching ESOL	3
	BOT 3303C or BOT 2313C w/lab	3
RED 3333	Teaching Reading in the Content Areas	3
ESE 3341	Theory & Practice of Secondary Schools	3
	Semester Hours	12

YEAR 3 SPRING

Course	Title	Hours
MCB 3005C	Microbiology (non-majors) with lab	4
EDF 3430	Measurement and Evaluation of Ed Growth	3
MAE 4360	Methods of Teaching Middle/Secondary Math	4
SCE 3330	The Teaching of Science in the High School	3
	Semester Hours	14

YEAR 3 TOTAL 26

YEAR 4 FALL

Course	Title	Hours
ETE 2210C	Introduction to STEM Education	3
BCH 4033	Biochemistry	3
ESE 4930	Instructional Seminar in Secondary Education	3
MAP 2302	Differential Equations	3
	Semester Hours	12

YEAR 4 SPRING

Course	Title	Hours
ESE 4943	Student Teaching in Secondary School	12
	Semester Hours	12

YEAR 4 TOTAL 24

CURRICULUM TOTAL 120