FAMU COLLEGE OF EDUCATION
FLORIDA AGRICULTURAL AND MECHANICAL UNIVERSITY

Physics Education (6-12)

501 Orr Drive
GEC-A 300
850.561.2989

YEAR 1 FALL

Course	Title	Hours
ENC 1101	Freshman Communication Skills I	3
EDG 1072	College Success & Beyond	3
MAC 2311	Calculus I	4
PHY 2048	General Physics I with lab	5
	Semester Hours	15

YEAR 1 SPRING

Course	Title	Hours
ENC 1102	Freshman Communication Skills II	3
PHY 2049	General Physics II with lab	5
AMH 2091	Introduction to African American History	3
MAC 2312	Calculus II	4
	Approved Humanities elective	3
EME 2040	Intro to Tech for Educators **SUMMER**	3
POS 2041	American National Government	3
GLY 2001	Introduction to Earth & Space Sciences	3
	Semester Hours	18/9

YEAR 1 TOTAL 42

YEAR 2 FALL

Course	Title	Hours
CHM 1045	General Chemistry with Lab	4
PHZ 3113	Mathematical Methods for Physics I	3
	POS 2112 or approved Social Science electiv	3
EDF 1005	Introduction to the Teaching Profession	3
	Approved Humanities elective	3
	Semester Hours	16

YEAR 2 SPRING

Course	Title	Hours
PHZ 3114	Mathematical Methods of Physics II	3
CHM 1046	General Chemistry II with lab	4
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
PHY 3101	Modern Physic Lecture with lab	4
RED 3333	Teaching Reading in the Content Areas	3
ESE 3341	Theory & Practice of Secondary Schools	3
	Semester Hours	13

YEAR 3 SPRING

Course	Title	Hours
PHY 4221	Mechanics I	3
EDF 3430	Measurement and Evaluation of Ed Growth	3
MAS 3105	Linear Algebra	3
SCE 3330	The Teaching of Science in the High School	3
	Semester Hours	12

YEAR 3 TOTAL 25

YEAR 4 FALL

Course	Title	Hours
PHY 4222	Mechanics II	3
ETE 2210C	Introduction to STEM Education	3
ESE 4930	Instructional Seminar in Secondary Ed	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