501 Orr Drive
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FAMU COLLEGE OF EDUCATION
FLORIDA AGRICULTURAL AND MECHANICAL UNIVERSITY

Chemistry Education (6-12)

YEAR 1 FALL

Course	Title	Hours
ENC 1101	Freshman Communication Skills I	3
CHM 1045	General Chemistry with Lab	4
EDG 1072	College Success & Beyond	3
MAC 2311	Calculus I	4
	Semester Hours	14

YEAR 1 SPRING

Course	Title	Hours
ENC 1102	Freshman Communication Skills II	3
CHM 1046	General Chemistry with Lab	4
CHM 1901	Freshmen Special Topics In Chemistry I	1
AMH 2091	Introduction to African American History	3
MAC 2312	Calculus II	4
	Approved Humanities elective **SUMMER**	3
POS 2041	American National Government **SUMMER**	3
GLY 2001	Intro to Earth & Space Sciences **SUMMER**	3
	Semester Hours	15/9

YEAR 1 TOTAL 38

YEAR 2 FALL

Course	Title	Hours
PHY 2048	General Physics I with lab	4
	POS 2112 or approved Social Science electi	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
ETE 2210C	Introduction to STEM Education	3
CHM 2903	Sophomore Special Topics in Chemistry I	1
CHM 2210	Organic Chemistry I with lab	4
EDF 2085	Introduction to Diversity for Educators	3
EDF 3135	The Adolescent Learner	3
	Semester Hours	14

YEAR 2 TOTAL 30

YEAR 3 FALL

Course	Title	Hours
TSL 4081	Instructional Survey for Teaching ESOL	3
CHM 2211	Organic Chemistry II with lab	4
RED 3333	Teaching Reading in the Content Areas	3
ESE 3341	Theory & Practice of Secondary Schools	3
CHM 2904	Sophomore Special Topics in Chemistry II	1
	Semester Hours	14

YEAR 3 SPRING

Course	Title	Hours
CHM 4900	Short Courses in Chemistry	2
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	12

YEAR 3 TOTAL 26

YEAR 4 FALL

Course	Title	Hours
PHY 2049	General Physics II with lab	4
CHM 4410	Physical Chemistry I with lab	4
ESE 4930	Instructional Seminar in Secondary Education	3
MAP 2302	Differential Equations	3
	Semester Hours	14

YEAR 4 SPRING

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

YEAR 4 TOTAL 26

CURRICULUM TOTAL 120