

BACHELOR of ARTS DEGREE in SCIENCE EDUCATION
(CHEMISTRY, 6-12)

Department of Teaching and Learning
Information Sheet

NOTE: All College of Education Secondary Degree Programs are Florida Department of Education (DOE) and National Council for Accreditation of Teacher Education (NCATE) approved. This State and NCATE approval represents the transferability of your teaching credentials from state-to-state.

Professional Education component courses offered in the College of Education:

EDF	2005	Introduction to the Teaching Profession	(3 credits)	<i>(Requires 15-hour field component)</i>
EDF	2085	Introduction to Diversity for Educators	(3 credits)	<i>(Requires 15-hour field component)</i>
EME	2040	Introduction to Technology for Educators	(3 credits)	
EDF	3210	Applied Learning Theory	(3 credits)	
EDF	3430	Ed. Measurement & Evaluation	(3 credits)	
TSL	4324	ESOL Strategies for Content Area Teachers	(3 credits)	
SCE	4360	Science: Middle & Secondary School	(3 credits)	<i>(Requires 90-hour field component)</i>
RED	4335	Reading in the Content Areas	(3 credits)	
ESE	3940	Secondary School Effective Instruction	(3 credits)	

Chemistry content courses offered through the C.E. Schmidt College of Science:

MAC	1105	College Algebra	(3 credits)	
MAC	2233	Methods of Calculus	(3 credits)	
PHY	2053	College Physics for the Life Sci. I	(4 credits)	
PHY	2054	College Physics for the Life Sci. II	(4 credits)	
CHM	2045/L	General Chemistry I / Lab	(4 credits)	
CHM	2046/L	General Chemistry II / Lab	(4 credits)	
OCE	3008	Oceanography	(3 credits)	
CHM	3060	Chemical Literature	(1 credit)	
CHM	3120/L	Quantitative Analysis / Lab	(4 credits)	
CHM	2210/L	Organic Chemistry I / Lab	(4 credits)	
CHM	2211/L	Organic Chemistry II / Lab	(4 credits)	
BCH	3033	Biochemistry I	(3 credits)	
BCH	3103L	Biochemistry Lab	(3 credits)	
CHM	3400	Intro to Physical Chemistry	(3 credits)	
CHM	3609/L	Inorganic Chemistry / Lab	(4 credits)	

Final Semester: (6 credits)

SCE	4944	Student Teaching: Chemistry, 6-12	(Full-time internship, to be completed during a fall or spring term)
ALL COURSEWORK AND CERTIFICATION EXAMS (FTCE: General Knowledge, Chem. 6-12 SAE, PEd) MUST BE COMPLETED PRIOR TO STUDENT TEACHING			
<i>Applications to Student Teach during the fall semester are due by January 31</i>			
<i>Applications to Student Teach during the spring semester are due by September 15</i>			

PROGRAM ADMISSION REQUIREMENTS:

- 60 semester hours completed, with a 2.5 overall Grade Point Average (GPA);
- Passing scores on all sections of the CLAST exam OR, if exempt from the CLAST, passing scores on the General Knowledge test.