

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

Department of Curriculum and Instruction
Information Sheet

NOTE: All College of Education Secondary Degree Programs are Florida Department of Education (DOE) and Council for Accreditation of Teacher Education (CAEP) approved. This State and CAEP approval represents the transferability of your teaching credentials from state-to-state. Test scores must be submitted to Office of Academic and Student Services (OASS) prior to the placement deadline.

Professional Education component courses offered in the College of Education:

EDF	2005	Introduction to the Teaching Profession	(3 credits)	(Requires 15-hour field component)
EME	2040	Introduction to Technology for Educators	(3 credits)	(Requires 15-hour field component)
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)	
RED	4335	Content Read: Mid & Sec School	(3 credits)	
ESE	3940	Secondary School Effective Instruction*	(3 credits)	(Requires 90 hour field component)

***Must be programmed and taken the fall/spring semester prior to student teaching. Courses in bold are not offered in the summer, offered in fall and spring terms only.**

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	Organic Chemistry I	(3 credits)
CHM	2211/L	Organic Chemistry II / Lab	(5 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: (6-12 credits)

SCE	4944	Student Teaching: Science
<i>(Full-time internship - to be completed during the fall or spring term only. Not offered during the summer)</i>		
ALL COURSEWORK AND CERTIFICATION EXAMS (FTCE: General Knowledge, Chem. 6-12 Subject Area Exam (SAE), and Professional Education Exam (PEd) MUST BE COMPLETED PRIOR TO STUDENT TEACHING		
<i>Applications to Student Teach during the fall semester are due by January 31st</i>		
<i>Applications to Student Teach during the spring semester are due by September 15th</i>		

PROGRAM ADMISSION REQUIREMENTS:

- 60 semester hours completed, with a 2.5 overall Grade Point Average (GPA); and passing scores on the General Knowledge test.

NOTICE: Copies of this publication can be obtained in an alternate format by contacting the College of Education/Department of Curriculum and Instruction at dcj@fau.edu. This publication is available in standard print, Braille, or electronically for people with disabilities. Please allow at least 10 days to process this request.

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