

BACHELOR of ARTS DEGREE
in SCIENCE EDUCATION (PHYSICS, 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)	
RED	4335	Reading in the Content Areas	(3 credits)	
ESE	3940	Secondary School Effective Instruction	(3 credits)	<i>(Requires 90-hour field component)</i>

Physics content courses offered through the C.E. Schmidt College of Science: *(See FAU catalog for possible prerequisites)*

*CHM	2045/L	General Chemistry I / L	(4cr.)	*BSC 1010/L	Biology Principles	(4 cr.)
*CHM	2046/L	General Chemistry II / L	(4 cr.)	*BSC 1011/L	Biodiversity	(4 cr.)
*Choose	Both	Chemistry Courses		OR	*Both	Biology Courses
PHY	2048/L	General Physics I / L	(5 cr.)	MAC 2311	Calculus w/Analytic Geometry I	(4 cr.)
PHY	2049/L	General Physics II / L	(5 cr.)	MAC 2312	Calculus w/Analytic Geometry II	(4 cr.)
PHZ	2106	General Physical III	(4 cr.)	MAC 2313	Calculus III	(4 cr.)
PHY	3101C	Survey of Modern Physics	(5 cr.)	PHY 3722	Physical Electronics	(4 cr.)
PHY	3323	Electromagnetism I	(4 cr.)			

Upper-division Physics and Mathematics Electives *(approval of advisor required):*

Select two: *(All courses are 4 credits each)*

PHY 4324	Electromagnetism II	PHY 3503	Thermodynamics
PHY 3722	Physical Electronics		
PHY 4523	Statistical Physics		
PHY 4604	Quantum Mechanics I		
	(corequisite: PHZ 4113)		
PHY 3221	Classical Mechanics		

Final Semester: (6 credits)

SCE 4944	Student Teaching: Physics, 6-12	<i>(Full-time internship, to be completed during a fall or spring term)</i>
<p style="text-align: center;"> ***ALL COURSEWORK AND CERTIFICATION EXAMS (FTCE: General Knowledge, Physics 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> </p>		

PROGRAM ADMISSION REQUIREMENTS:

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