



Curriculum Guide

Bachelor of Science Degree in Middle Grades Science Education

Check when complete	Course	Title	Credit Hours	Prerequisite
<input type="checkbox"/>	EDF 3214	Human Development and Learning	3	
<input type="checkbox"/>	EME3410	Integrating Technology in the Classroom	3	EME 2040
<input type="checkbox"/>	RED 3360	Teaching Reading in Middle/Secondary Schools	3	
<input type="checkbox"/>	BSC 2010	General Biology I	3	
<input type="checkbox"/>	BSC 2010L	General Biology I Lab	1	
<input type="checkbox"/>	EDF 4430	Measurement, Evaluation and Assessment	3	
<input type="checkbox"/>	TSL 3080	ESOL Issues: Principles and Practices	3	
<input type="checkbox"/>	EDG3343	Instructional Strategies	3	EDF 3214; (co-requisite SCE 4942)
<input type="checkbox"/>	SCE 4942	Teaching Secondary Science Practicum	1	EDF 3214; (co-requisite EDG 3343)
<input type="checkbox"/>	EDM3001	Introduction to Middle School	3	
<input type="checkbox"/>	BSC 2011	General Biology II	3	
<input type="checkbox"/>	BSC 2011L	General Biology II Lab	1	
<input type="checkbox"/>	OCB2010	Marine Biology	3	BSC 2010 & BSC 2010L
<input type="checkbox"/>	EDG4410	Classroom Management and Communication	3	EDF 3214
<input type="checkbox"/>	OCB3017	Marine Environmental Science	3	OCB2010
<input type="checkbox"/>	SCE 3360	Middle School/Secondary Science Methods	3	EDF 3214, EDG 3343, SCE 4942 (co-requisite SCE 3940)
<input type="checkbox"/>	SCE 3940	Teaching Middle School Science Practicum	1	EDF 3214 (co-requisite SCE 3360)
<input type="checkbox"/>	PCB 4043	General Ecology	3	BSC 2011 & BSC 2011L (co-requisite PCB 4043L)
<input type="checkbox"/>	PCB 4043L	General Ecology Lab	1	BSC 2011 & BSC 2011L (co-requisite PCB 4043)
<input type="checkbox"/>	SCE 4941	Student Teaching in Science	10	Completion of all program requirements and approval of Clinical Education Coordinator
<input type="checkbox"/>	SCE 4943	Seminar in Science Teaching	3	

Admissions Criteria:

- An A.A. Degree and a minimum cumulative GPA of 2.5 are required for program admission.
- Satisfactory completion of the General Knowledge portion of the Florida Teacher Certification Exam is required for admission.
- Completion of the Education prerequisites EDF 2005, EDF 2085, EME 2040 is required prior to enrolling in Education courses.
- Satisfactory Level II background check by the Florida Department of Law Enforcement and the Federal Bureau of Investigation is required prior to enrolling in any Education courses with field experience components.
- Satisfactory brief narrative that includes a request for admission to the program, factors influencing the applicant's decision to teach, the applicant's philosophy of education and previous teaching or related experiences which demonstrate the applicant's potential as an educator is required.
- Written recommendations from three individuals familiar with the applicant's academic work, personal character and/or ability to work with children and/or youth are required.

Program Information:

- Nine hours of science content courses are required.
- Students may need to meet additional program requirements based on previous credits earned. Contact an IRSC Advisor for more information.
- Students who have not taken two years of the same foreign language in high school must complete the second level of foreign language at the college level to meet the foreign language requirement. See College Catalog.
- The following courses have field experiences: EDF 3214 (15 hours); EDM 3001 (20 hours); SCE 3940, SCE 4942 (30 hours).