



Curriculum Guide

Bachelor of Science Degree in Secondary Biology Education

| Check when complete | Course | Title | Credit Hours | Prerequisite |
|---|-----------|--|--------------|--|
| <input type="checkbox"/> | EDF 3214 | Human Development and Learning | 3 | |
| <input type="checkbox"/> | EME 3410 | Integrating Technology in the Classroom | 3 | EME 2040 |
| <input type="checkbox"/> | RED 3360 | Teaching Reading in Middle/Secondary Schools | 3 | |
| <input type="checkbox"/> | EDF 4430 | Measurement, Evaluation and Assessment | 3 | |
| <input type="checkbox"/> | TSL 3080 | ESOL Issues: Principles and Practices | 3 | |
| <input type="checkbox"/> | EDG 3343 | Instructional Strategies | 3 | EDF 3214; (co-requisite SCE 3940) |
| <input type="checkbox"/> | SCE 3940 | Teaching Middle School Science Practicum | 1 | EDF 3214; (co-requisite EDG 3343) |
| <input type="checkbox"/> | MCB 2010 | Microbiology for Health Professionals | 3 | BSC 2010 & BSC 2010L (co-requisite MCB 2010L) |
| <input type="checkbox"/> | MCB 2010L | Microbiology Lab for Health Professionals | 1 | BSC 2010 & BSC 2010L (co-requisite MCB 2010) |
| <input type="checkbox"/> | BOT 3015 | Plant Biology | 3 | BSC 2011 & BSC 2011L |
| <input type="checkbox"/> | EDG 4410 | Classroom Management and Communication | 3 | EDF 3214 |
| <input type="checkbox"/> | SCE 3905 | Science through Tutoring | 3 | EDF 3214 |
| <input type="checkbox"/> | SCE 3360 | Middle School/Secondary Science Methods | 3 | EDF 3214, EDG 3343, SCE 3940 (co-requisite SCE 4942) |
| <input type="checkbox"/> | SCE 4942 | Teaching Secondary Science Practicum | 1 | EDF 3214, EDG 3343 (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"/> | PCB 3063 | Introduction to Genetics | 3 | BSC 2010 & BSC 2010L, CHM 2210 & CHM 2210L |
| <input type="checkbox"/> | PCB 3063L | Introduction to Genetics Lab | 1 | BSC 2010 & BSC 2010L, CHM 2210 & CHM 2210L |
| <input type="checkbox"/> | PCB 3674 | Evolutionary Biology | 3 | BSC 2010 & BSC 2010L, BSC 2011 & BSC 2011L |
| <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 | |
| <p>Admissions Criteria:</p> <ul style="list-style-type: none"> ▪ 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. <p>Program Information:</p> <ul style="list-style-type: none"> ▪ Students may need to meet additional program requirements based on previous credits earned. Contact an IRSC Advisor for more information. ▪ Nine hours of science content courses are required. ▪ 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); SCE 3905, SCE 3940, SCE 4942 (30 hours). | | | | |