



Bachelor of Science in Secondary Biology Education



If you want to have a positive impact on the future, teaching is the career for you.

As a high school biology teacher you will help young people learn about the fascinating world of biology, inspiring interest in a field that will dramatically affect our lives in the 21st century.

Engage your students as they become immersed in an experiment or amazed at a new concept. Teaching is a truly meaningful career, and science teaching is especially important as the foundation of a world-class education.

Florida will need over 100,000 new teachers over the next ten years. You can be one of them!

***Get started today.
Meet with an IRSC Advisor.***

Why Choose Indian River State College?

If a quality education at a reasonable cost appeals to you, choose IRSC.

Classes are smaller than state university classes, so you receive more personal attention, and tuition is 1/3 less. IRSC offers an exceptional educational value!

You can attend full-time or part-time, close-to-home, and also take advantage of convenient online courses.

See your "Curriculum Guide" on the reverse side.

1-866-792-4772

www.irsc.edu



Curriculum Guide

Bachelor of Science Degree in Secondary Biology Education*

July 2009

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"/>	ZOO 3303C	General Vertebrate Zoology	4	BSC 2010 & BSC 2010L and BSC 2011 & BSC 2011L or BSC 2093 & BSC 2093L
<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, SCE 3940 (co-requisite)
<input type="checkbox"/>	SCE 3940	Teaching Middle School Science Practicum***	1	EDF 3214, EDG 3343 (co-requisite)
<input type="checkbox"/>	MCB 2010	Microbiology	3	BSC 2010, MCB 2010L (co-requisite)
<input type="checkbox"/>	MCB 2010L	Microbiology Lab	1	BSC 2010L, MCB 2010 (co-requisite)
<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, SCE 4942 (co-requisite)
<input type="checkbox"/>	SCE 4942	Teaching Secondary Science Practicum***	1	EDF 3214, EDG 3343, SCE 3940, SCE 3360 (co-requisite)
<input type="checkbox"/>	PCB 4043	General Ecology	3	BSC 2011 & BSC 2011L PCB 4043L (co-requisite)
<input type="checkbox"/>	PCB 4043L	General Ecology Lab	1	BSC 2011 & BSC 2011L PCB 4043 (co-requisite)
<input type="checkbox"/>	PCB 3063	Introduction to Genetics	3	BSC 2010 & BSC 2010L CHM 2210 & CHM 2210L
<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	

- * Completion of the Education prerequisites EDF 2005, EDF 2085, EME 2040 is required prior to enrolling in Education courses.
 ** Additional prerequisites may be required. Meet with an IRSC Advisor regarding development of your personal academic plan.
 *** Nine hours of science content courses required.

Program Information:

- This program is designed for students who have already completed an A.A. Degree.
- Satisfactory completion of the General Knowledge portion of the Florida Teacher Certification Exam is required in the first semester.
- 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.
- Students must have a total of 36 hours of General Education courses to graduate, including both Associate Degree level and Bachelor's Degree level courses.
- Students may need to meet additional program requirements for graduation based on previous credits earned. Please contact an IRSC Advisor for more information.
- Students who have not taken two years of the same foreign language in high school will need to complete two semesters or 8 credit hours of the same foreign language at the college level to meet the state foreign language requirement.
- The course EDF 3214 has a field experience of 15 hours.