



COLLEGE OF EDUCATION

BACHELOR OF SCIENCE: SCIENCE EDUCATION - BIOLOGY

YEAR 1 FALL

BSC X010 with Lab*	4
MAC 1105*	3
ENC 1101	3
EDF 1005	3

TOTAL: 13

YEAR 1 SPRING

BSC X011 with Lab	4
General Education/Elective	3
General Education/Elective	3
Humanities State Core	3
General Education/Elective	3

TOTAL: 16

YEAR 2 FALL

CHM X045 with Lab*	4
General Education/Elective	3
General Education/Elective	3
General Education/Elective	3
Social Science State Core	3

TOTAL: 16

YEAR 2 SPRING

CHM X046 with Lab	4
General Education/Elective	3
General Education/Elective	3
General Education/Elective	3
General Education/Elective	3

TOTAL: 16

*These classes may have prerequisites that must be taken before. Check with your Academic Advisor.
 General Knowledge Test should be taken during Year 1; test scores take 4-6 weeks to post.
 College of Education strongly recommends EDF 2085 AND EME 2040 for elective coursework.

YEAR 3 FALL USF

EDF 3214 Human Development and Learning	3
SCE 4320 Teaching Methods in Middle Grade Science I	3
EDF 3604 Schools and Society	3
PCB 3063 General Genetics	3
EEX 4070 Integrating Excep. Students in the Classroom	3

TOTAL: 15

YEAR 3 SPRING USF

SCE 4330 Methods of Secondary Science Education	3
PCB 4674 Organic Evolution	3
PCB 3043 Principles of Ecology	3
PCB 3043L Principles of Ecology Laboratory	1
SCE 4305 Communication Skills in the Science Classroom	3

Apply for final internship at the end of spring.

TOTAL: 13

YEAR 3 SUMMER USF

RED 4333 Content Area Reading	3
TSL 4324 ESOL Competencies and Strategies	3
EDF 4430 Measurement for Teachers	3

TOTAL: 9

YEAR 4 FALL USF

PCB 3023 Cell Biology	3
PCB 3023L Cell Biology Laboratory	1
SCE 4945 Practicum in Secondary Science	3
Education ESE 4322 Classroom Mgmt. for Diverse School & Society	3
SCE 4863 Science, Technology, Society Interaction	3

Recommended to take FTCE Subject Area & Professional Education Exams Fall of final year

TOTAL: 13

YEAR 4 SPRING USF

SCE 4940 Internship: Science Education	9
SCE 4936 Senior Seminar in Science Education	3

TOTAL: 12

The following is additional information for the Science Education: Biology

- The College of Education (COEDU) has a SEPARATE APPLICATION PROCESS from that of the University of South Florida. Please allow enough time to apply and receive acceptance to USF before applying to the College.
- The Science Education: Biology program admits all three terms (fall, spring, summer).
- It is highly recommended that applicants to the COEDU (except Exercise Science) satisfy all sections of the General Knowledge Test, including Math, Reading, Language, and Essay before their first term in the college.
- All applicants must have an overall GPA of 2.5.
- EDF 1005 must be completed with a C- or better or in progress at the time of application.
- Florida Teacher Certification Exams (General Knowledge Test, Professional Education and Subject Area Exams) are required for graduation as the degree prepares students to earn a Florida Teaching Certificate.
- The Science Education: Biology program is a joint program between the College of Education and the College of Arts and Sciences. It prepares students to engage in coursework informed by empirical research embedded in established and emerging theoretical traditions, philosophy, and best practices related to pedagogical content knowledge. Coursework will highlight the importance of science in living, working, leisure, global competitiveness, and resolution of personal and societal problems.

Students interested in Biology Science Education may email edu-advise@usf.edu

For general transfer advising inquiries please contact transfer-advising@usf.edu

