



GUARANTEED ADMISSION TO USF

## COLLEGE OF EDUCATION

### BACHELOR OF SCIENCE: SCIENCE EDUCATION – PHYSICS

#### YEAR 1 FALL

ENC 1101	3
MAC 2311*	5
CHM 2045 with Lab	4
EDF 1005	3

**TOTAL: 15**

#### YEAR 1 SPRING

General Education/Elective	3
MAC 2312	5
CHM 2046 with Lab	4
Humanities State Core	3

**TOTAL: 15**

#### YEAR 2 FALL

MAC 2313	5
General Education/Elective	3
PHY 2048 with Lab	4
Social Science State Core	3

**TOTAL: 15**

#### YEAR 2 SPRING

General Education/Elective	3
PHY 2049 with Lab	4
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 USE

EDF 3214 Human Development and Learning	3
SCE 4320 Teaching Methods in Middle Grade Science I	3
PHZ 3113 Mathematical Methods in Physics	3
PHY 3101 Modern Physics	3

**EEX 4070 Integrating Except. Students in the Classroom**

#### YEAR 3 SUMMER USE

PHY 2020 Conceptual Physics	3
EDF 3604 Schools and Society	3
RED 4333 Content Area Reading	3

**TOTAL: 9**

#### YEAR 4 FALL USE

EDF 4430 Measurement for Teachers	3
SCE 4863 Science, Technology, Society Interaction	3
SCE 4945 PPPPracticum in Secondary Science	3
PHY 3220 Mechanics I	3
ESE 4322 Classroom Mgmt. for Diverse School	3

**Professional Education Exams Fall of final year** **TOTAL: 15**

#### YEAR 3 SPRING USE

SCE 4330 Methods of Secondary Science Education	3
TSL 4324 ESOL Competencies and Strategies	3
PHY 3323 Electricity and Magnetism I	3
SCE 4305 Communication Skills in the Science Classroom	3

*Apply for final internship at the end of spring.*

**TOTAL: 12**

#### YEAR 4 SPRING USE

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: Physicsmajor:**

- 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: Physics 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: Physics 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 Physics Science Education may email [edu-advise@usf.edu](mailto:edu-advise@usf.edu)

For general transfer advising inquiries please contact [transfer-advising@usf.edu](mailto:transfer-advising@usf.edu)

---

