



GUARANTEED ADMISSION TO USF

COLLEGE OF EDUCATION
BACHELOR OF SCIENCE: SCIENCE EDUCATION
CONCENTRATION: PHYSICS EDUCATION



Graduation Pathway Starting at



Students completing the following courses and requirements in combination with an AA from State College of Florida will have automatically satisfied requirements to begin upper level coursework.

COLLEGE – EDUCATION

Intended Program of Study- B.S. Science Education; Concentration: Physics (Grades 6-12)

- Restrictive Program-**Yes** (2.5 GPA, Prerequisite completion, Passing scores on General Knowledge Test)
- College Application Required- **Yes** (<http://www.usf.edu/education/advising/undergraduate/coedu-applications.aspx>)
 - Please note that any college requiring an application will need it to be submitted following admission to the University.
- Tests Required- **General Knowledge Test** (<http://www.fl.nesinc.com/>)
- (College) Foreign Language Exit Required- **No**, yet beginning with students initially entering a Florida College System institution or state university in 2014-2015 and thereafter, coursework for an associate in arts degree shall include demonstration of competency in a foreign language.

PREREQUISITE COURSES

(Common State Prerequisites) (C or Higher in all courses)

USF Courses

EDF 2005* (Prereq. for EDF 2085)
 MAC 2311, MAC 2312, and MAC 2313
 PHY 2048/L and PHY2049/L
 and
 CHM 2045/L and CHM 2046/L or
 BSC 2010/L and BSC 2011/L

SCF Course Equivalent

EDF 1005*
 MAC 2311, MAC 2312, and MAC2313
 PHY 2048C and PHY 2049C
 and
 CHM 2045C and CHM 2046C or
 BSC 2010C and BSC 2011C

STONGLY RECOMMENDED COURSES (C or Higher)

USF Courses

EDF 2085*
 EME 2040

SCF Course Equivalent

EDF 2085*
 EME 2040

*Courses include field work (15 hours of observation)

Start State College of Florida

The following course sequence is a guideline for completion of requirements of the A.A. and prerequisite courses. A unique plan developed in consultation with an advisor at both SCF and USF may differ depending on student circumstances. **Financial Aid will only pay for 60 credit hours.**

YEAR 1 SCF

FALL

ENC 1101	3
MAC 1140	3
CHM 1025C	5
EDF 1005	3

TOTAL: 14

SPRING

ENC 1102	3
MAC 1114	3
Social Science	3
CHM 2045C or BSC 2010C	5

TOTAL:14

SUMMER

MAC 2311	3
Social Science	3

TOTAL: 6

General Knowledge Test should be taken around holiday break/early spring. Test scores take from 6-8 weeks to return.

YEAR 2 SCF

FALL

MAC 2312	4
PHY 2048C	5
Humanities	3
SPC 1608	3

TOTAL: 15

SPRING

MAC 2313	4
PHY 2049C	5
Humanities	3

TOTAL: 12

Graduate with A.A. from SCF

YEAR 2 Fall/Spring

USF application should be submitted by early spring of year 2 (or last term of year leading into intended transfer) to ensure timely review. Once student is admitted as a Bull, College application may be submitted.

USF START

YEAR 3 FALL USE

SCE 4945 Practicum in Secondary Science Education	3
SCE 4320 Teaching Methods in Middle Grade Science I	3
PHZ 3113 Mathematical Methods in Physics	3
PHY 3101 Modern Physics	3
ESE 4322 Classroom Mgmt. for Diverse School & Society	3

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
<i>Apply for final internship at the end of spring.</i>	

TOTAL: 12

YEAR 3 SUMMER USE

PHY 2020 Conceptual Physics	3
EDF 3214 Human Development and Learning	3
EEX 4070 Integrating Exceptional Students in the Regular Classroom	3

TOTAL: 9

YEAR 4 FALL USE

EDF 4430 Measurement for Teachers	3
SCE 4863 Science, Technology, Society Interaction	3
EDF 3604 Schools and Society	3
PHY 3221 Mechanics I	3

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

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 Physics Science Education major:

- The College of Education has a SEPARATE APPLICATION PROCESS from that of the University of South Florida. Please allow enough time to apply and received acceptance to USF before applying to the College.
- The Physics Science Education program admits all three terms (fall, spring, summer).
- All applicants to the COEDU (except Exercise Science) must take and pass all sections of the General Knowledge Test, including Math, Reading, Language, and Essay.
- All applicants must have a cumulative GPA of 2.5
- EDF 1005 must have been passed with a C- or better. As long as all pre-requisite courses are complete or IN-PROGRESS the student may apply.
- Florida Teacher Certification Exams (Professional Education and Subject Area Exams) are required for graduation, as the degree is tied to earning a Florida Teaching Certificate. Students are encouraged to take these in fall of the last year to ensure enough time to retest if necessary. Certification will be reflected on the official transcripts.
- The Physics Science Education 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-sasast@usf.edu

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

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