



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 or BSC 2010 with Lab*	4
EDF 1005	3

TOTAL: 15

YEAR 1 SPRING

General Education/Elective	3
MAC 2312	5
CHM 2046 with Lab or BSC 2011 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

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
Apply for final internship at the end of spring.	

TOTAL: 12

YEAR 3 SUMMER USE

PHY 2020 Conceptual Physics	3
EDF 3214 Human Development and Learning	3
EEX 4070 Integrating Except. Students in the 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 3220 Mechanics I	3
RED 4333 Content Area Reading	3

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

TOTAL: 15

YEAR 4 SPRING USE

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

TOTAL: 12

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