

## SCIENCE EDUCATION: Earth/Space Science (S4102)

### Professional Education Core- 18 credits (3 credits each)

- EDF4430- Measurement and Assessment in Education
- EDG3321- General Teaching Skills
- EDG3411- Classroom Management for Regular and Exceptional Students\*
- EEX3071- Teaching Exceptional and Diverse Students in Inclusive Settings\*
- RED3013- Foundations of Reading Instruction\*
- TSL4324C- ESOL Strategies for Content Area Teachers\*

### Science Education Discipline Content- 11 credits

- EME3410- Instructional Technology in Math & Science- 2 credits
- SCE3863- Teaching and Learning the Nature of Science\*- 3 credits
- SCE4362- Methods of Teaching Science\*- 3 credits
- SCE4363- Advanced Topics in Science Education Practicum\*\*- 3 credits

### Discipline Content- 21 credits

- AST1002- Descriptive Astronomy- 3 credits
- GLY4700C- Geomorphology- 3 credits
- ISC4535- Research in the Sciences- 3 credits
- MET3702- General Meteorology- 3 credits
- MET3702L- Lab- 1 credit
- OCE3014- Oceanography- 3 credits
- OCE3014L- Lab- 1 credit
- PHY1025- Basic Physics- 3 credits

### Student Teaching/Internship- 12 credits

- SCE4945- Internship in Science Education\*\*\*
- SCE4943- Seminar in Science Education\*\*\*
  - Prior to Internship the following must be completed:
    - All parts of the Florida Teacher Certification Examination (General Knowledge Test, Professional Test, and Subject Area Test) must be passed
    - Florida Educator Accomplished Practices portfolio must be approved
    - All previous coursework completed with a minimum grade of "C"

\* Course requires 15 hours of field experience  
 \*\* Course requires 40 hours of field experience  
 \*\*\*Course requires full-time field experience

### Prerequisites

#### Education Prerequisites:

- EDF1005- Introduction to the Teaching Profession\*
- EDF2085- Introduction to Diversity\*
- EME2040- Introduction to Educational Technology
- EEX2000- Introduction to Special Education

#### Florida Department of Education Prerequisites:

- Communications- 6 credits
- Oral Communications- 3 credits
- Humanities- 6 credits
- Behavioral/Social Sciences- 6 credits
  - DEP2000 recommended
- Mathematics- 6 credits
- Natural Sciences & Electives- 17 credits
  - BSC 1005- General Education Biology – 3 credits
  - CHM1045- General Chemistry 1- 3 credits
  - CHM1045L- Lab- 2 credits
  - CHM1046-General Chemistry 2- 3 credits
  - CHM1046L- Lab- 2 credits
  - GLY1010- Physical Geology- 3 credits
  - GLY1010L- Lab- 1 credit
  - GLY1100- Historical Geology- 3 credits
  - GLY1100L- Lab- 1 credit
- 9 credits of diversity
- Foreign Language requirement
- Completion of CGS1060 or an equivalent computer competency
- Fingerprinting requirement (Level II clearance)

### Admission to the Baccalaureate Program

- 60 credits
- Minimum GPA of 2.5 on a 4.0 scale
- Passing/ exemption on all parts of the CLAST and passing all parts of the General Knowledge Test of the Florida Teacher Certification Examination
- All Education Prerequisites passed with a minimum grade of "C"

**THIS PROGRAM WILL BE OFFERED WHEN THERE ARE ENOUGH STUDENTS TO CREATE A COHORT.**