SCIEnCE EDUCATIOn: Earth/Space (S4102)

Prerequisites

Education Prerequisites - 12 credits (3 credits each):
- EDF1005 Introduction to the Teaching Profession*
- EDF2085 Introduction to Diversity*
- EME2040 Introduction to Educational Technology
- EEX2000 Introduction to Special Education

Florida Department of Education Requirements:
- Communications (6 credits)
- Oral Communications (3 credits)
- Humanities (6 credits)
- Behavioral/Social Sciences (6 credits)
- Mathematics (6 credits)
- Natural Sciences and Electives (17 credits)
  - BSC 1005 – General Education Biology (3 credits)
  - CHM1045 – General Chemistry I (3 credits)
  - CHM1045L – Lab (2 credits)
  - CHM1046 – General Chemistry II (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 background clearance)

Admission to the Baccalaureate Program

- 60 credits (General Education requirements)
- Minimum GPA of 2.5 on a 4.0 scale
- 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.

Professional Education Core – 18 credits (3 credits each)

- EDF4430 Measurement and Assessment in Education
- EDG3321 General Teaching Skills*
- EDG3443 Classroom and Behavior Management*
- EEX3071 Teaching Exceptional and Diverse Students in Inclusive Settings*
- RED3393 Differentiated Instruction in Content Reading*
- TSL4324C ESOL Strategies for Content Area Teachers*

FTCE Professional Test must be passed upon completion of the above Professional Education Core Courses.

Science Education Discipline Content – 11 credits

- EME3430 Instructional Technology in Math and 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)
- ISC4534C Research in the Sciences (3 credits)
- MET3702 General Meteorology (3 credits)
- MET3702L Lab (1 credit)
- OCP3002 Oceanography (3 credits)
- OCP3002L Lab (1 credits)
- PHY1025 Basic Physics (3 credits)

FTCE Subject Area Examination must be passed upon completion of the Practicum Course.

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 E-Portfolio must be approved
- All previous coursework completed with a minimum grade of “C”

*Course requires 15 hours of clinical experience
**Course requires 60 hours of clinical experience
***Course requires full-time clinical experience