SCIENCE EDUCATION

COLLEGE: EDUCATION
SCHOOL: NONE
DEGREE: BACHELOR OF ARTS OR BACHELOR OF SCIENCE
OPTION/TRACK: BIOLOGY, CHEMISTRY, PHYSICS

LIMITED ACCESS PROGRAM: YES-THIS PROGRAM HAS ADDITIONAL ADMISSION REQUIREMENTS AS STATED BELOW.

CAMPUS(ES) WHERE OFFERED/CONTACT:
TAMPA only / Program Director, Undergraduate Advising, Education, (813) 974-2458

Program of Study at a Florida Community/Junior College or SUS School for Students Planning to Transfer to USF
(State Mandated Common Prerequisites)
Complete the A.A. degree at the community college. Some courses required for the major may also meet General Education Requirements thereby transferring maximum hours to the university. A minimum of 60 semester hours must be completed at the university unless prior approval is secured.
• If students transfer without an A.A. degree and have fewer than 60 semester hours of acceptable credit, they must meet the university’s entering freshman requirements including ACT or SAT test scores, GPA, and course requirements.
• Students must complete the prerequisite courses listed below prior to be admitted to the upper-division major. Students who do not complete these prerequisites can be admitted to the University, but not to the upper-division major. Unless stated otherwise, a grade of “C” is the minimum acceptable grade.

EDF 1005 Introduction to Education
EDG 2701 Teaching Diverse Populations
EME 2040 Introduction to Educational Technology
(=Equivalent course or demonstrated competency may be substituted)

Biology Teacher Education:
- Biology with Lab, 8 semester hours
- Chemistry with Lab, 4 semester hours
- Human Anatomy Physiology, 5 semester hours
- Calculus I, 3 semester hours
- Physics with Lab, 4 semester hours

Chemistry Teacher Education:
- Chemistry with Lab, 8 semester hours
- Biology with Lab, 4 semester hours
- Physics with Lab, 4 semester hours
- Calculus I, 3 semester hours
- Earth/Space Science elective, 4 semester hours

Physics Teacher Education:
- Physics with Lab, 8 semester hours
- Biology with Lab, 8 semester hours or Chemistry with Lab, 8 semester hours
- Calculus, 9 semester hours

Admission Requirements to the University Program of Study
Please be aware of the immunization, foreign language, and continuous enrollment policies of the university, and qualitative standards required. Admission will require an overall GPA of 2.5 with a minimum score of 960 on the SAT (840 if taken before April 1, 1995) or 20 on the ACT. However, an overall 2.25 GPA will be acceptable with a minimum score of 1030 on the SAT (940 if taken before April 1, 1995) or 22 on the ACT. Official grade forgiveness will be used as appropriate. Students must have passed all sections of CLAST.

Requirements for the B.S. Degree
Professional Education Core (25-29 credit hours)
The required courses in the professional education core are as follows:
- EDF 3214 Human Development and Learning (3)
- EDF 3604 Social Foundations of Education (3)
or
- EDF 3542 Philosophy of Education (4)
- EDG 4620 Curriculum and Instruction (3)
- EDF 4430 Measurement for Teachers (3)
- EEE 4070 Exceptional Student Ed (2)
- Internship and Seminar (10-12)
- ESOL Course (1-3)

Science:
A minimum of 32 semester hours in the discipline of major concentration (Biology, Chemistry, or Physics) and a minimum of 16 semester hours within the natural sciences outside the concentration area.

Science Education:
As a minimum, satisfactory completion of the following courses:
- SCE 4305 Communication Skills in the Science Classroom (2)
- SCE 4320 Teaching Methods in Middle Grade Science (3)
- SCE 4330 Teaching Methods in the Secondary School Sciences (3)
and one choice from among science/technology/society interaction, history of science, or scientific method. These courses deal with philosophy of science, communication skills and the teaching of science at the middle grades and secondary school levels. In addition, a Physics major will need a three credit hour course in computer applications in physics.