

What new freshmen at SIUE
should know about a major in

Natural Science or
Math

Degree Path Options for Natural Science and Mathematics

32 degree paths available, including options for either a BA/BS in most areas:

- BIOLOGY
- CHEMISTRY
- EARTH/SPACE SCIENCE
- MATHEMATICS
- PHYSICS

The following BIOLOGY major options are available at SIUE:

- BIOL-Education (BA/BS)
- BIOL-EEE(BA/BS)
- BIOL-Genetic ENGR (BA/BS)
- BIOL-Medical Science (BA/BS)
- BIOL-Medical Technology (BA/BS)
- BIOL-Integrative (BA/BS)

CHEMISTRY majors available at SIUE:

- BIOCHEM (ACS)
- BIOCHEM (BA/BS)
- CHEM Education (BS)
- CHEM-Medical Sciences (BA)
- CHEM-ACS (BS)
- CHEM- (BA/BS)

MATHEMATICS majors available at SIUE:

- Math-Actuarial Science (BA/BS)
- Math-Applied (BA/BS)
- Math-Education (BS)
- Math-Statistics (BA/BS)
- Math (BA/BS)

PHYSICS/EARTH SCIENCE Majors available at SIUE:

- Physics (BA/BS)
- Physics Education (BS)
- Earth Space Science Education (BS)

Minor Information

- Many majors in Natural Science and Mathematics require a minor, which is 18-21 hours of credit in an area unrelated to major.
- To earn a degree at SIUE, a student must earn a minimum of 124 credit hours.

Pre-Requisite Information

- To begin at the level of MATH 150 (Calculus) students must have seven semesters of HS math or successfully pass MATH 125 with C or higher. It is strongly recommended that students repeat last level of math completed in HS.
- To begin at the level of CHEM 121a/125a (General CHEM I) students must score at least 22 on the math sub-test of the ACT and have one year of HS CHEM or pass the CHEM readiness exam or successfully complete CHEM 113

Pre-Requisite Info, Continued

- In some majors (BIOL and PHYS) pre-requisite courses must be taken before major courses can be taken.
- Pre-requisites are placed by individual departments and are in place to ensure student success.

First Semester Considerations

- Students starting in a mathematics course below Math150 (Calculus I) will require more than the 8 academic semesters to graduate
- The 16-18 semester hour load outlined in many of the curriculum guides is very rigorous. Many students opt to distribute coursework over the summer or additional semesters

Tutoring Opportunities at SIUE

- The Chemistry Department offers tutoring for all levels of CHEM. Contact the department at 650-2042 for additional information.
- Instructional Services offers tutoring in their Math Lab, Peck Hall, 1414. Additional information can be obtained by visiting www.siue.edu/IS.

Formula for success at SIUE

4+3+2+1=SUCCESS!

- 4 years to graduate
- 3.0 grade point average
- 2 hours preparation per week for each hour in class.
- 1 co-curricular activity and 1 relevant work experience.