

Top 12 Most Desirable Jobs

Excerpted from the 2002 Jobs Rated Almanac listing of 250 most desirable jobs based on income, stress, physical demands, potential growth, job security, and work environment.

1. Biologist
2. **Actuary**
3. Financial Planner
4. Comp. Systems Analyst
5. Accountant
6. Software Engineer
7. Meteorologist
8. Paralegal Assistant
9. **Statistician**
10. Astronomer
11. **Mathematician**
12. Parole Officer



For more information about the Bachelor of Arts in Mathematics program, please complete this form and send it to:

Mathematics Department Chairperson
Southern CT State University
501 Crescent Street
New Haven CT 06515

Name

Address

City

State/ZIP

Telephone

Email

Are you currently enrolled as an SCSU student?

Yes No

If yes, major: _____

Check all that apply. **Please send:**

The schedule of courses for the upcoming semester

The SCSU Undergraduate Course Catalog

Application materials for admission

Other: _____



Department of Mathematics

Southern Connecticut State University

**Bachelor
of
Arts
in
Mathematics**

*Engleman Hall D 115
203-392-5576*

What does Southern offer in this field?

The Bachelor of Arts in Mathematics program is the most flexible of the programs offered by the Mathematics Department. It requires that a student take the department core courses along with Abstract Algebra and either Analysis or Advanced Calculus. Beyond those requirements, it allows the student wide latitude in choosing the courses for the remainder of the program. That way, with the help of an advisor, a student can tailor the program to his or her individual interests.

Although students have gone on to graduate study from all three of the department's programs, the Bachelor of Arts program is suggested for students intending to go on to graduate school after they receive their undergraduate degrees. The mathematics electives in the program allow the student to sample a variety of areas or study one area in more depth.

Because of its flexibility and fewer cognate requirements, this degree is recommended for students pursuing certification in elementary education with a subject major in mathematics. For the same reasons, this program is popular with advanced transfer students who are not seeking certification in secondary education.

The Program

Core Courses. These courses are usually taken during the first two years, or 60 credit hours, of study.

MAT 150	Calculus I
MAT 151	Calculus II
MAT 250	Foundations of Mathematics: An Introduction
MAT 252	Calculus III
MAT 372	Linear Algebra

Cognate Course.

CSC 152	Computer Programming I (C++)
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The following courses complete the requirements of the program.

MAT 375	Abstract Algebra I
MAT 450	Analysis (or MAT 446 Advanced Calculus)
MAT 488	Seminar in Mathematical Modeling (or MAT 498 Seminar in Mathematics)

and **four additional courses** chosen from the following lists, at least one from each list:

List A: MAT 207, 300, 360, 370, 376, 405, 450, 480, 498

List B: MAT 221, 245, 320, 321, 322, 378, 488

Students must also satisfy the **All University Requirements**.

Visit the Southern Connecticut State University Department of Mathematics home page at <http://www.southernct.edu/departments/math> or send email to math@southernct.edu



**Buley Library
before renovation, 2005**

Admission to the program

The basic requirement for admission is completion of an accredited secondary (high) school program or equivalent. For complete details on the admission requirements and procedures, please see the SCSU Undergraduate Course Catalog (complete, official information about all of our undergraduate major programs is printed here) or visit the SCSU website at <http://www.southernct.edu> and click on the admissions link. There you can

- find admission requirements (undergraduate information),
- request information such as an application or viewbook, register for a campus tour,

and much more.