

Major: Mathematics (This program provides a liberal arts education with emphasis on math)
 College: Charles E. Schmidt College of Science
 Degree: Bachelor of Arts
 Option/Tracks:

Limited Access Program: No
 Contact: Dr. Spyros Magliveras
 Science/Engineering Bldg. 223
 (561) 297-3350
spyros@fau.edu

PROGRAM OF STUDY AT THE COMMUNITY COLLEGE

Complete the A.A. degree at the community college. Some courses required for the major may also meet the General Education Requirements thereby transferring maximum hours to the university.

If you transfer without an A.A degree and have less then 60 semester hours of acceptable credit, you must meet the university’s entering freshman requirements including ACT or SAT test scores and GPA.

Students are encouraged to complete the following required common prerequisites during the program of study at the community college:

- (S) Calculus (through the entire sequence) (MAC x311, MACx312 & MAC x313) 12
 - (S) Intro. To Computational Math (MAD 2502) 3
 - (S) Single Foreign Language Proficiency varies
- (S)= It is suggested that the student take this course at the community college. If not, the student can complete this course at the university.

ADMISSIONS REQUIREMENTS TO THE UNIVERSITY PROGRAM OF STUDY

Please be aware of the immunization, foreign language, and continuous enrollment policies of the university.

PROGRAM OF STUDY AT THE UNIVERSITY

It is recommended that you take an unofficial transcript and college catalog of all institutions you have attended to your advising sessions. ***Please see an academic advisor and review audit sheet.***

FAU Program (Semester Hours)

Required Courses:

| | | |
|----------|---------------------------------------|---|
| MAC 2311 | Calculus with Analytical Geometry I | 4 |
| MAC 2312 | Calculus with Analytical Geometry II | 4 |
| MAC 2313 | Calculus with Analytical Geometry III | 4 |
| MAD 2104 | Discrete Mathematics | 3 |
| MAS 2103 | Matrix Theory | 3 |
| MAS 4301 | Modern Algebra | 3 |
| MAA 4200 | Modern Analysis | 3 |
| STA 4442 | Probability and Statistics I | 3 |
| MAT 4937 | Mathematical Problem Solving | 3 |
| MAD 2502 | Introduction to Computational Math | 3 |

Electives:

Elective hours to complete total of 120 semester hour requirement. (including foreign language if not taken in the lower division; American Sign Language is not accepted) Students must complete a minimum of 45 credits at the upper division level.

TOTAL FAU SEMESTER HOURS

60

Remarks:

- This program, combined with the appropriate education electives, can lead to the meeting of the State of Florida course requirements for certification in mathematics (grades 7-12). Students intending to teach secondary school mathematics should meet with College of Education advisor for specific certification requirements and see page 144 in this manual.
- The required credits in mathematics courses must be completed with at least a 2.20 GPA.

Please check out the Charles E. Schmidt College of Science home page on the Web at <http://www.science.fau.edu> and the FAU home page at <http://www.fau.edu>