### Liberal Arts and Science: Secondary Education in Mathematics Option SEM.AS

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**Total Minimum Credits: 61**

¹ Select electives based on requirements of Transfer Institution

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**PROGRAM DESCRIPTION**

This transfer program is designed for students wishing to pursue a career in mathematics secondary education. Currently, students wishing to teach high school mathematics are required to complete a baccalaureate degree in their subject area and a degree or certificate in secondary education. This curriculum provides students with the necessary math, science, and general education requirements to transfer into both programs offered by their desired transfer institution.

**PROGRAM GOALS**

- To provide students with a foundation in general education.
- To provide a concentration of coursework appropriate for mathematics and secondary education.
- To ensure transferability of coursework to a baccalaureate program in mathematics and secondary education.

**PROGRAM STUDENT LEARNING OUTCOMES**

At the end of the program, the graduate will be able to:

1. Utilize computational and analytical skills in conjunction with mathematical concepts to solve abstract mathematics problems and applied problems in the fields of science, business, engineering, and technology.
2. Use technological tools, such as graphing calculators or computers, to analyze and solve mathematical and applied problems.
3. Follow a logical, symbolic argument and apply the concept of proof, as it relates to mathematical results.
4. Explain current educational issues in view of their historical context.

**GRADUATION REQUIREMENTS**

Secondary Education in Mathematics majors must earn a grade of C or better in all mathematics courses to be eligible for graduation.

**TRANSFER OPPORTUNITIES**

Students in this program transfer to many institutions including:
- Rowan University
- Rutgers University
- Fairleigh Dickinson University
- Stockton University
- Drexel University
- Temple University

**EMPLOYMENT OPPORTUNITIES**

- Public high schools
- Private high school

**CONTACT PERSON**

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