

MATHEMATICS/MATHEMATICS EDUCATION/STATISTICS PROGRAM

Students planning to pursue an academic program in teaching secondary mathematics, in mathematics or in statistics may take the first two years of study directed by a mathematics advisor. Students should be fully aware of the curriculum of the institution to which they plan to transfer and must follow close advisement.

Degree: Associate of Science

Emphasis: Mathematics/Mathematics Education/Statistics

Course No.	Course Title	Credit Hours
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General Education Requirements (42 hours)

Communication

ENGL 1010	Composition I	3
ENGL 1020	Composition II	3
SPCH 2010	Introduction to Speech Communication	3

Humanities and/or Fine Arts

Approved Humanities General Education electives ¹		6
Approved Literature elective ¹		3

History²

Approved History electives ¹		6
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Behavioral/Social Sciences

Approved Behavioral/Social Science General Education electives ¹		6
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Mathematics

MATH 1910	Calculus I	4
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Natural Science

Approved Natural Science W/Lab General Education Elective ¹		8
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Area of Emphasis Requirements (18 hours)

MATH 1920	Calculus II	4
MATH 2110	Calculus III	4
MATH 2120	Differential Equations	3
CPSC 2170/2171	Computer Programming Math/Engineering	3
ELECTIVES ³		4

Total Credit Hours **60**

¹ General Education electives in each category must be chosen from approved courses listed on page _____ of the catalog.

² See senior institution for history requirements.

³ Students should consult a faculty advisor to determine appropriate course selections transferable to specific institutions.

NOTES

- Students are required to meet computer competency during the first 30 hours of coursework. For additional information, visit www.ws.edu and click on "computer competency."
- High school deficiencies must be removed prior to graduation; developmental education courses must be taken every semester until completed.
- Additional courses or hours beyond those listed above may be needed for students to transfer as juniors to certain senior institutions. Mathematics Education students should check requirements for admission to teacher education programs at senior institutions.