

Mathematics Major

The following are course recommendations for students who plan on transferring to a four year college or university to pursue a Bachelor's degree in mathematics or other related field.

Recommended MCCC courses

1st Semester

MATH 171	Calculus I	4 credits
ENG 151	English Composition I	3 credits
_____	Social Science elective	3 credits
CHEM 151	General College Chemistry I ²	4 credits
_____	Computer Skills Elective ^{1*}	<u>2 credits</u>
		16 credits

2nd Semester

MATH 172	Calculus II	4 credits
POLSC 151	Introduction to Political Science	3 credits
ENG 152	English Composition II	3 credits
SPCH 151	Communication Fundamentals	3 credits
CHEM 152	General College Chemistry II ²	<u>4 credits</u>
		17 credits

3rd Semester

MATH 271	Calculus III	4 credits
PHY 251	Engineering Physics I	5 credits
MATH 162	Introduction to Statistics	3 credits
_____	Social Science Elective	<u>3 credits</u>
		15 credits

4th Semester

MATH 251	Introduction to Linear Algebra	3 credits
MATH 273	Introduction to Differential Equations	3 credits
PHY 252	Engineering Physics II	5 credits
PHIL 151	Introduction to Logic or Humanities Elective	<u>3 credits</u>
		14 credits (Total = 60-62)

Transfer Information:

Transfer Institutions may require different courses for this transfer program. Students should tailor their MCCC program as closely as possible to the requirements at their four-year school of choice. Meet with an Enrollment Services representative for more information.

Prerequisites:

All students should check for prerequisites for a class before registering. Prerequisites can be found at www.monroeccc.edu

1* See the computer skills alternatives listed in college catalog.

2* Choose a course that meets the Natural Sciences general education competency at MCCC and the Natural Sciences requirements for the major at the transfer institution.