Mathematics (410)

Associate of Science

ABOUT OUR PROGRAM

This program is intended to provide the first two years of a four-year baccalaureate program. Majors in mathematics study mathematical principles, relationships, and methods of analysis. Applied mathematicians apply these methods and principles to the solution of problems in science, engineering, business, and industry.

NATURE OF WORK AND EMPLOYMENT

The most common jobs people have one year after receiving a baccalaureate degree with this major are secondary teacher, actuary, statistician, stockbroker, and mathematician.

SPECIAL CONSIDERATIONS

The listed coursework is a recommendation only. Students should check with a student advisor for HCC graduation requirements and specific university requirements in this major. Students must meet with an advisor to ensure that the special requirements of the department and institution to which they plan to transfer are met. Colleges and universities have specific requirements for transfer students.

PROGRAM CONTACTS

Call Highland at 815-235-6121 for the following program contacts:
- Dr. Brendan Dutmer, Associate Dean, Natural Science and Mathematics
- Steve Mihina, Mathematics Faculty
- Jenna Rancingay, Mathematics Faculty
- Heather Moore, Student Advisor

RECOMMENDED COURSES

The following are recommended courses for this major only. Students must still meet all requirements for the Associate of Science degree (see page 58) in order to graduate from Highland Community College. For more information, please see your student advisor.

Mathematics

*	MATH	177	Statistics	3
*	MATH	168	Analytic Geometry and Calculus I	5
*	MATH	262	C Prog. for Science & Engineering	4
*	MATH	265	Differential Equations	3
*	MATH	268	Analytic Geometry and Calculus II	5
*	MATH	269	Analytic Geometry and Calculus III	4
*	MATH	270	Linear Algebra	3

* Course has a prerequisite. See course descriptions.