

MATHEMATICS MASS TRANSFER OPTION – N015
A.S. in Arts and Science

Contact: John Sullivan, 413-552-2436, jsullivan@hcc.edu

COURSE TITLE	COURSE NUMBER	PRE-REQUISITES	CREDITS	SEMESTER TAKEN	GRADE
GENERAL EDUCATION REQUIREMENTS			20		
Language and Literature I	ENG 101	Appropriate score on Placement Tests, or C- or better in ENG 097 and ENG 098, or C- or better in ENG 096 or ENG 099	3		
Language and Literature II	ENG 102	ENG 101	3		
Social Sciences (B)			3		
Social Sciences (B)			3		
Laboratory Science (D) ¹			4		
Laboratory Science (D) ¹			4		
PROGRAM REQUIREMENTS			24		
Calculus I	MTH 113	MTH 108 or adequate score on the Mathematics Placement Exam	4		
Calculus II	MTH 114	MTH 111 or MTH 113	4		
Calculus III	MTH 213	MTH 114	4		
Social Science Elective			3		
Humanities Electives			3		
Humanities Electives			3		
Humanities Electives			3		
SUGGESTED ELECTIVES (Sufficient to complete 60 credit graduation requirement)			16		
Linear Algebra (Fall)	MTH 205	MTH 112 or MTH 114, previously or concurrently	3		
Differential Equations (Spring)	MTH 214	MTH 212 or MTH 213, previously or concurrently	3		
Discrete Mathematical Structures (Spring)	MTH 230	MTH 111 or MTH 113	3		
			1-4		
			1-4		
			1-4		
Total Credits			60		

PROGRAM OVERVIEW
This option prepares students to transfer to mathematics programs at four-year colleges and universities. With a bachelor's or graduate degree in mathematics, one can qualify for a broad range of careers in industry, business, government, and teaching.

NOTES:

¹ PHS 111-112 recommended.

This program qualifies for MassTransfer, which guarantees credit transfer to Massachusetts state colleges universities. MassTransfer also will grant students automatic acceptance to certain state colleges and universities by achieving the minimum grade point average and the HCC degree.

Depending on the course selection 50% of this program can be completed online. Go to <http://webtide.hccdl.org> for further information.