

# Mathematical Sciences

HOLYOKE COMMUNITY COLLEGE Mathematics Option	WESTERN NEW ENGLAND UNIVERSITY Mathematical Sciences
GRADUATION REQUIREMENTS	EQUIVALENT COURSES
<b>General Education Courses</b>	<b>General Education Courses</b>
ENG 101 College Composition I	ENGL 132 English Composition I
ENG 102 College Composition II	ENGL 133 English Composition II
Humanities: Any Art, Film, MUS or THE 100 or 101 ( <i>recommended</i> )	Creative Expression Requirement
Humanities: Any HIS course ( <i>recommended</i> )	Citizenship, Identity and Community
Laboratory Science	* see below
Laboratory Science	* see below
Social Science Elective: Any EC, PSY or SOC course ( <i>recommended</i> )	Social Systems Requirement
Social Science Elective: POL 110 or WST 100 ( <i>recommended</i> )	Citizenship, Identity and Community
<b>Program Requirements</b>	<b>Program Requirements</b>
MTH 113 Calculus I	MATH 133 Calculus I
MTH 114 Calculus II	MATH 134 Calculus II
MTH 213 Calculus III	MATH 235 Calculus III
MTH 205 Linear Algebra ( <i>recommended</i> )	MATH 306 Linear Algebra
MTH 230 Discrete Mathematics ( <i>recommended</i> )	MATH 281 Foundations of Mathematics
<b>Program Electives: Recommended Courses</b>	<b>Program Electives: Recommended Courses</b>
MTH 142 Statistics ( <i>recommended</i> )	MATH 120 Statistics
Elective	General Elective
COM 121 or COM 150 ( <i>recommended</i> )	COMM 100 Princ of Communications or COM 102 Public Speaking (Multimodal Requirement)
Social Science Elective	General Elective

\* The following Holyoke Community College courses will count towards satisfying Western New England University's general University requirements:

Laboratory Science—any courses which include a lab from the following areas: BIO, CHM, ESC, FRS, or PHS.