

Mathematical Sciences

HOLYOKE COMMUNITY COLLEGE Mathematics Option	WESTERN NEW ENGLAND UNIVERSITY Mathematical Sciences
GRADUATION REQUIREMENTS	EQUIVALENT COURSES
General Education Courses	General Education Courses
ENG 101 College Composition I	ENGL 132 English Composition I
ENG 102 College Composition II	ENGL 133 English Composition II
Laboratory Science	* see below
Laboratory Science	* see below
Social Science Elective	* see below
Social Science Elective	* see below
Program Requirements	Program Requirements
MTH 113 Calculus I	MATH 133 Calculus I
MTH 114 Calculus II	MATH 134 Calculus II
MTH 213 Calculus III	MATH 235 Calculus III
Program Electives: Recommended Courses	Program Electives: Recommended Courses
MTH 205 Linear Algebra	MATH 306 Linear Algebra
MTH 214 Differential Equations	MATH 236 Differential Equations (<i>General Elective</i>)
MTH 230 Discrete Mathematical Structures	MATH 251 Adv. Discrete Math (<i>General Elective</i>)
Humanities Elective	* see below
Humanities Elective	* see below
Humanities Elective	* see below
Social Science Elective	* see below
General Electives	General Electives
7-9 credits	* see below

This is not an articulation agreement. This chart should serve as a reference for Holyoke Community College students who eventually plan to transfer to Western New England University. We hope that this will aid you in working towards your academic goals and maximize the transfer credit applied towards a degree at Western New England University. Please reference our University Catalogue for additional information. A maximum of 70 semester hours may be transferred from two-year institutions.

* The following Holyoke Community College courses will count towards satisfying Western New England University's general University requirements: **Humanities**—any art, film, music, or theatre course (one), any history course (one), any philosophy course (one); **Social Science**—PSY 110 Intro. to Psychology; SO 110 Intro. to Sociology; any economics or any political science course (one); **Laboratory Science**—PHS 111 & PHS 112 Physics for Engineers and Science Majors I & II, CHEM 121 & 124 Inorganic Chemistry I & II; **General Electives**—CSI 106 Programming Fundamentals I, any course listed above.