

Quinsigamond CC-UMass Lowell
Liberal Arts-Environmental Science A.S to Environmental Science B.S.
MassTransfer Agreement (October 2020)

QCC Course #	QCC Course Title	QCC Cr.	UML Course #	UML Course Title	UML Cr.
ENG 101	Composition I	3	ENGL.1010	College Writing I	3
ENG 102	Composition II	3	ENGL.1020	College Writing II	3
CHM 105	General Chemistry I	4	CHEM.1210 & CHEM.1230L	Chemistry I & Chemistry I Lab	4
CHM 106	General Chemistry II	4	CHEM.1220 & CHEM.1240L	Chemistry II & Chemistry II Lab	4
BIO 107	Principles of Biology I	4	BIOL.1110 & BIOL.1170L	Principles of Biology I & Principles of Biology I Lab	4
BIO 108	Principles of Biology II	4	BIOL.1120 & BIOL.1180L	Principles of Biology II & Principles of Biology II Lab (Free Elective)	4
SOC 101	Introductory Sociology	3	SOCI.1010	Intro to Sociology	3
PHI 131	Introduction to Ethics	3	PHIL.2030	Introduction to Ethics	3
MAT 233	Calculus I	4	MATH.1310	Calculus I	4
MAT 122	Statistics	3	MATH.2830	Intro to Statistics	3
SPH 101	Speech Communication Skills	3	ENGL.2220	Oral Communications	3
PHY 101	Physics I	4	PHYS.1030 & PHYS.1030L	General Physics I & General Physics I Lab	4
SCI 104	Climate and Weather	3	ATMO.1410	Weather & Climate	3
SCI 105	Integrated Science: Earth and Space	4	GEOL.1010 & GEOL.1030L	General Geology & General Geology Lab	4
SCI 110	Sustaining Earth's Environment	4	ENVI.1100 & ENVI.1120L	Global Environmental Studies & Global Environmental Studies Lab	4
ECO ---	Economics Elective (Recommended: ECO 216 Microeconomics)	3	ECON.2010	Principles of Microeconomics	3
MAT 123	Pre-Calculus	3		Free Elective	3
MAT 124	Trigonometry	3		Free Elective	3
Total credits		62			62

This agreement may be subject to amendments, with notification, if curriculum requirements change at either institution. Students should speak with the respective transfer representatives at QCC and UML to ensure that course selections align with associate and bachelor's degree requirements.