

Articulation Agreement for BS Civil Engineering

Summary of Benefits:

- Guaranteed Admission with a cumulative GPA of 2.5
- Massachusetts tuition credit for students with a BHCC cumulative GPA of 3.0 (renewable if UMassD GPA is maintained at 3.0 or better)
- Guaranteed transfer and applicability of 63 credits

Bunker Hill Community College: Engineering Transfer	Credits	UMD: Civil Engineering	Credits
General Courses			
ENG 111 College Writing I	3	ENL 101 Critical Writing and Reading I	3
ENG 112 College Writing II	3	ENL 102 Critical Writing and Reading II	3
Community & Cultural Contexts ¹	3	University Studies	3
General Education Elective ¹	3	University Studies	3
Creative Work	3	University Studies	3
ECO 202 Microeconomics ² or HON 200 Honors Seminar ²	3	ECO 231 Microeconomics HUM 800 Humanities Elective	3 3
Engineering Courses			
ENR 101 Intro to Engineering w/lab	4	EGR 111 Intro to Engineering and Computing	3
ENR 103 Fundamentals of CAD & Design ²	3	CEN 161 Civil Engineering Design Graphics	2
ENR 260 Engineering Statics	3	EGR 241 Eng. Mech. I: Statics	3
ENR 265 Engineering Dynamics	3	EGR 242 Eng. Mech. II: Dynamics	3
ENR 270 Strength of Materials	3	CEN 202 Mechanics of Materials	3
Math & Science Courses			
CHM 201 General Chemistry I & Lab	4	CHM 151 Principles of Modern Chemistry I & CHM 161 Intro to Applied Chemistry I	3 1
CHM 202 General Chemistry II & Lab	4	CHM 152 Principles of Modern Chemistry II	3
MAT 281 Calculus I	4	MTH 151 Analytical Geometry and Calculus I	4
MAT 282 Calculus II	4	MTH 152 Analytical Geometry and Calculus II	4
MAT 283 Calculus III	4	MTH 211 Analytical Geometry and Calculus III	4
MAT 285 Ordinary Differential Equations	4	MTH 212 Differential Equations	3
PHY 251 College Physics I w/lab	4	PHY 113 Classical Physics I	4
PHY 252 College Physics II w/lab	4	PHY 114 Classical Physics II	4
Total Credits	66		63
Additional course eligible for transfer			
CHM 251 Organic Chemistry I	4	CHM 251 Organic Chemistry I ³	3

¹ Any course except VMA 111.

² Chosen as one of your Career Electives.

³ Course can be used to meet one of your CEN Technical Electives (as the CEN Science Elective).