

Articulation Agreement

Institution: Bristol Community College

Date: Fall 2019

Transfer Institution: UMASS Dartmouth

Summary of Benefits:

- **Guaranteed Admission with a cumulative GPA of 2.5**
- **Massachusetts tuition credit for graduates with a cumulative GPA of 3.0 (renewable if GPA is maintained at 3.0 or better)**
- **Guaranteed transfer and applicability of 68.5 credits**

BCC: Engineering Transfer, Engineering Science	Credits	UMassD: Bioengineering	Credits
General Courses			
ENG 101 Comp I: College Writing	3	ENL 101 Critical Writing and Reading I	3
ENG 102 Comp II: Writing about Literature	3	ENL 102 Critical Writing and Reading II	3
ENG 215 Technical Writing	3	ENL 266 Technical Communication	3
HST 113 United States History to 1877 OR HST 114 United States History from 1877	3 3	HST 115 History of US I OR HST 116 History of US II	3 3
Humanities Elective*	3	University Studies	3
Social Phenomenon Elective*	3	University Studies	3
Core Courses			
BIO 145 Introduction to Forensic Science	4	BNG 101 Introduction to Bioengineering	3
BIO 126 Introduction to Biotechnology	3	BNG 255 Biology for Engineering	3
CSS 101 College Success Sem. & BIO 127 Introduction to Biotechniques & EGR 204 Engineering Applications of MATLAB	1 4 1	EGR 111 Intro. to Engineering and Computing & BNG 232 Fund. Of Engin. Biology Lab	3 1
EGR 231/233 Electrical Engineering with Lab I	4	ECE 201 Circuit Theory I	3.5
EGR 251 Statics AND EGR 253 Advanced Statics	3 1	EGR 241 Engineering Mechanics: Statics	3

Math & Science Courses			
CHM 113 Fundamentals of Chemistry I	4	CHM 151 Principles of Modern Chemistry I & CHM 161 Introduction to Applied Chemistry I	4
CHM 114 Fundamentals of Chemistry II	4	CHM 152 Principles of Modern Chemistry II & CHM 162 Introduction to Applied Chemistry II	4
MTH 214 Calculus I	4	MTH 151 Calculus I	4
MTH 215 Calculus II	4	MTH 152 Calculus II	4
MTH 253 Calculus III	4	MTH 211 Analytical Geometry and Calculus III	4
MTH 254 Ordinary Differential Equations	3	MTH 212 Differential Equations	3
PHY 211 General Physics I	4	PHY 113 Classical Physics I	4
PHY 212 General Physics II	4	PHY 114 Classical Physics II	4
Additional Courses Eligible for Transfer			
EGR 255 Thermodynamics	3	BNG 220 Biochemical Thermodynamics	3
Total Credits	73		68.5

* Students should speak with the Engineering advisor at UMass Dartmouth about proper selection of elective courses. Ideally you will want to choose courses from the following UMass Dartmouth departments to meet these requirements: ARH, ECO, ENL, HST, HUM, MUS, PHL, PSY, SOA, SSE. Use UMass Dartmouth's equivalency database (<https://webapps.umassd.edu/transfers/>) to see how these courses transfer.