



# Castleton

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## Quinsigamond Community College-Castleton Articulation Agreement

### 2017

[This document fulfills an agreement between Quinsigamond Community College and Castleton. Students who complete the proposed outline through QCC will complete the remaining coursework at Castleton to obtain a bachelor degree from the University].

### Environmental Science

QCC: Gail Carberry, Ed.D. President

Castleton: David Wolk, President

QCC: Nancy Schoenfeld, Ph.D. Interim Vice President of Academic Affairs

Castleton: Jonathan Spiro, Chief Academic Officer

QCC: Leslie Horton, Ed.D. Dean, School of Math and Science

Castleton: Tim Grover, Chair of Natural Sciences

QCC: Anita Soracco, M.S. Associate Professor and Coordinator of Liberal Arts-Environmental Science

Castleton: Andrew Vermilyea, Environmental Science Coordinator

QCC: Daniel de la Torre, M.Ed. Coordinator of Transfer and Articulation

Castleton: Maurice Ouimet, Dean of Enrollment

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Signature Completion Date

\*Castleton University and Quinsigamond Community College acknowledge that this agreement is effective as of the signature completion date and is applicable to eligible students in the next semester of enrollment. The agreement may be amended as requirements and courses change over time, but such amendments must be agreed upon by both institutions.



# Castleton

Castleton University is committed to the enrichment of its relationship with Quinsigamond Community College. Students enrolled at QCC who wish to transfer to Castleton University should complete the outline below before transferring to Castleton University for a bachelor's degree in Environmental Science.

## Quinsigamond Community College - Castleton Pathway

QCC – Liberal Arts – Environmental Science (A.S.)		Castleton – Environmental Science (B.S.)	
<b>Core Requirements</b>			
BIO 107 Principles of Biology I	4 credits	BIO 1121 Biology I	4 credits
BIO 108 Principles of Biology II	4 credits	BIO 1122 Biology II	4 credits
CHM 105 General Chemistry I	4 credits	CHE 1051 Chemistry I	4 credits
CHM 106 General Chemistry II	4 credits	CHE 1052 Chemistry II	4 credits
PHY 101 Physics I	4 credits	PHY 2110 Physics I	4 credits
MAT 124 College Mathematics II: Trigonometry	3 credits	Fulfills General Elective towards graduation requirement	3 credits
MAT 122 Statistics	3 credits	MAT 2036 Biostatistics <i>Also fulfills Castleton MAT/SCI Frame</i>	4 credits
MAT 123 College Mathematics I: Precalculus	3 credits	MAT 1320 Precalculus <i>Fulfills Castleton MAT/SCI Frame</i>	3 credits
MAT 233 Calculus I	4 credits	MAT 1531 - Calculus I	4 credits
SCI 104 Climate and Weather: Causes and Effects	3 credits	Fulfills general elective for graduation	3 credits
SCI 105 Integrated Science: Earth and Space	4 credits	Fulfills general elective for graduation	4 credits
SCI 110 Sustaining Earth's Environment	4 credits	Fulfills general elective for graduation	4 credits
Economics Elective: <i>(Must be 200-level course: ECO 215 or ECO 216):</i>	3 credits	<i>Fulfills Castleton SOC/BEH Frame</i>	3 credits
<b>General Electives</b>			
ENG 101 Composition I	3 credits	ENG 1061 English Composition	3 credits
ENG 102 Composition II	3 credits	Fulfills general elective for graduation	3 credits
SPH 101 Speech Communication Skills	3 credits	ENG 1070 Effective Speaking: <i>(Fulfills the University Oral Communication Standard)</i>	3 credits
Creative Arts Elective: <i>(A course designated as ART, MUS, or THA is recommended)</i>	3 credits	Fulfills Castleton Aesthetics Understanding Frame	3 credits
World History Survey: <i>(Take one of the following: HIS 104, 105, or 106)</i>	3 credits	Fulfills Castleton World View Frame	3 credits



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SOC 101 Introductory Sociology	3 credits	SOC 1010 Introduction to Sociology <i>Fulfills Castleton SOC/BEH Frame</i>	3 credits
PHI 131 Introduction to Ethics	3 credits	PHI 1040 Introduction to Ethics <i>(Fulfills Castleton World View Frame)</i>	3 credits
<b>Total</b>	<b>68 credits</b>		
<b>Additional Coursework options:</b>		<b>Complete the following at Castleton:</b>	
		Literature Requirement: ENG 2260: <i>(Touchstones of Western Lit)</i>	3 credits
		Computing Requirement: <i>A course designated as computing intensive (CI)</i>	3 credits
		One Aesthetic Understanding Course <i>(see the General Education summary)</i>	3 credits
		Soundings: <i>(see Pg. 3 for description)</i> INT 1053 and INT 3054	1 credit
		SCI 2100 Science Colloquium	1 credit
		GEY 1030 Dynamic Earth	4 credits
		BIO 2010 Cell and Molecular <i>or</i> BIO 2125 Fundamentals of Microbiology	4 credits
		CHE 2111 Organic Chemistry I	4 credits
PHY 102 Physics II		PHY 2210 Physics II: <i>students may complete PHY 102 at QCC to fulfill the Physics II requirement for Castleton</i>	4 credits
		SCI 2210 Introduction to Geographic Information Systems	3-4 credits
		BIO 3060 Ecology <i>or</i> BIO 3065 Plant Ecology	4 credits
		GEY 3110 Hydrogeology	4 credits
		Complete <b>two</b> courses from the following: <i>BIO 3013: Biogeochemistry, BIO 3030: Ecology of Water, CHE 3020: Analytical Chemistry, CHE 3030: Aqueous Geochemistry, BIO 4250: Ecotoxicology, CHE 4010: Environmental Kinetics and Chemical Fate.</i>	6-8 credits
		<b>Students must successfully complete the University Writing Intensive (WI), Speaking Intensive (SI), Information Literacy, and Quantitative Reasoning requirements for graduation.</b>	
		Total Credits Required for Graduation = 122	



# Castleton

The following pathway will fulfill a 2+2 transfer agreement in Environmental Science between Quinsigamond Community College and Castleton University. A 2+2 program is defined as a successful completion of the courses outlined for both institutions with a grade of C- or higher. This will ensure that candidates will obtain a Bachelor of Science in Environmental Science upon completing the remaining credits at Castleton. QCC students must meet Castleton transfer admissions requirements, and be accepted to the University, to be eligible for the benefits of this agreement. Candidates must submit a formal application along with supplemental documents required for admission as follow:

## APPLICATION REQUIREMENTS UNDER THIS AGREEMENT:

- Application (application fee will be waived for QCC students)
- Essay (250 word minimum)
- Official transcripts from all colleges attended after high school
- One current letter of recommendation (preferred from professor or employer)

QCC graduates with an associate's degree who enroll at Castleton University will be awarded the Transfer Success Scholarship of \$4,650 per year. This scholarship will be awarded to students entering Castleton on a full-time basis in the fall or spring semester. Transfer candidates who have a cumulative college grade point average of 3.0 or higher will also be considered for the National Scholars Award. Awards are renewable for students making satisfactory academic progress towards their degree. Recipients must maintain continuous enrollment at Castleton and a grade point average of 2.5 on a 4.0 scale. Please contact the Castleton Admissions Office with questions: 800-639-8521.

## CASTLETON GENERAL EDUCATION:

- University Writing Standard: include an English composition course, two Writing Intensive (WI) courses, and the writing assessment folder.
- Computing requirement: either a foundational or advanced computing intensive course (varies by major).
- First-year seminar: students with 12 or more transferable credits are exempt.
- Information Literacy & Quantitative Reasoning Standards: online assessments that must be successfully completed prior to graduation.
- Literature requirement: complete ENG 2260 Touchstones of Western Literature.
- Oral Communication standard: student must pass a public speaking course like ENG 1070 Effective Speaking, and successfully complete a second speaking-intensive course.
- Soundings: award-winning program consisting of a 3 course sequence (totaling 2 credits) where students attend a number of on campus cultural events in order to experience the richness and vitality of the liberal arts. Students with 60 or more transferable credits are exempt from the first 1 credit course.
- The Frames of Reference: include Aesthetic Understanding, Scientific & Mathematical Understanding, Social & Behavioral Understanding, and World Views. ***Each course must have different prefix and no more than two courses should have the same prefix under the Scientific & Mathematical Understanding.***