

MOUNT WACHUSETT COMMUNITY COLLEGE
and
FITCHBURG STATE UNIVERSITY

Mount Wachusett Community College and Fitchburg State University agree to enter into an articulation agreement in the following academic discipline:

Environmental Conservation
to
Environmental and Earth Science


These agreements are set forth by Mount Wachusett Community College and Fitchburg State University in an effort to delineate a transfer student's best options in course selection. This document outlines advising recommendations, curriculum options and course equivalencies where they exist. They signify the ongoing commitment between these two institutions of higher education to promote coordinated curricula of the highest quality. As such, it bears with it the commitment of our respective faculty, and administrative staff to strengthen these ties and address the needs of our students in a mutually beneficial manner.

Students graduating from the Mount Wachusett Community College Environmental Conservation (ECS) program with a qualitative grade point average of 2.0 or greater may transfer to the Fitchburg State University Environmental and Earth Science program between 62 credits and 75 credits.

Acknowledging that students may, and do transfer from a wide variety of majors, these agreements do not prohibit transfer to or from other programs of study at either institution. These agreements suggest optimal transfer routes from Mount Wachusett Community College to Fitchburg State University.

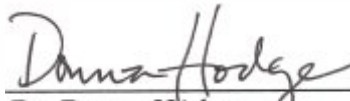
These articulation agreements do not supersede or in any way alter the statewide MassTransfer agreement currently in existence. Similarly, students taking advantage of the MassTransfer are encouraged to utilize these articulation agreements in preparation for their transfer to Fitchburg State University.

Approved on this day, November 14, 2024



Dr. James Vander Hooven
President

Mount Wachusett Community College



Dr. Donna Hodge
President

Fitchburg State University

TRANSFER ARTICULATION AGREEMENT

Between

Mount Wachusett Community College
and
Fitchburg State University
in
Environmental Conservation (ECS)
to
Environmental and Earth Science

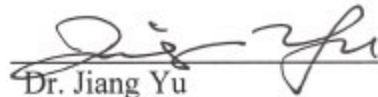
This agreement is effective as of September 2024 and will remain in effect until September 2027, with the provision that the terms specified herein will continue to apply to graduates who transfer from Mount Wachusett Community College to Fitchburg State University, within one year of the expiration of this agreement. The faculty at both institutions agree to meet annually to review the agreement and discuss modifications.

For: **Mount Wachusett Community College**

For: **Fitchburg State University**



Heather Conn
Department Chair, Natural Sciences



Dr. Jiang Yu
Department Chairperson,
Environmental, Geographic, and
Public Health Sciences



Dr. Kristin Sweeney
Dean, School of Business, Science,
Technology, and Math



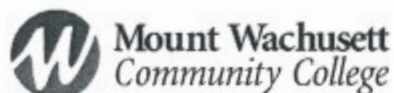
Dr. Jannette McMenamy
Dean of Health and Natural
Sciences



Dr. Ana Gaillat
Sr. Vice President of Academic Affairs



Dr. Patricia Marshall
Provost and Vice President for
Academic Affairs



444 Green Street, Gardner, MA 01440-1000

**Mount Wachusett Community College and
Fitchburg State University Associate to
Bachelor Completion Degree Plan Table
for Environmental Conservation**



Mount Wachusett Community College Environmental Conservation (ECS)*			Fitchburg State University Environmental and Earth Science		
Credits			Credits		
3	ENG 101	College Writing I	3	ENGL 1100	Writing I, W
4	BIO 109	Biology I	4	BIOL 1800	General Biology I, PL, SI
4	ECR 120	Regenerative Agriculture	4	GEOG 1990	Transfer Elective
3		Social Science Elective	3		General Education Elective
3	ENG 102	College Writing II	3	ENGL 1200	Writing II
4	MAT 163	Precalculus (recommended Mathematics Elective)	4	MATH 1300	Precalculus
3	SPC 113	Speech (recommended Humanities Elective)	3	SPCH 1000	Intro to Speech Communication, WS
4	BIO 122 or EAS 115	Zoology: The Biology of Animals Paleontology	4	BIOL 1992 or GEOG 2990	BIOL Transfer Elective or GEOG Transfer Elective (Will count as major elective)
4	CHE 120	Environmental Chemistry	4	CHEM 1000 + CHEM 1990	Chemistry in a Changing World, SI + Elective (Will count as a major elective)
4	ECR 102	Introduction to Forestry	4	BIOL 1992	Transfer Elective
4	BIO 130	Plant Science	4	BIOL 1400 + BIOL 1990	General Botany + Elective
4	EAS 120	Soil Science	4	GEOG 1990	Transfer Elective (Will count as major elective)
3		LAS Elective	3		General Education Elective
4	ECR 220	Practicum in Environmental Conservation	4	GEOG 2990	Transfer Elective (Will count as major elective)
4	BIO 116	Ecology	4	BIOL 2300	Ecology, AIA, SI
4	EAS 130	Funds Geospatial Technologies	4	GEOG 2400 + GEOG 2990	Intro to Geospatial Technology, CLER, PL + Elective
4	EAS 110 or EAS 125	Introduction to Environmental Science or Physical Geology of the Earth (Recommended Professional Electives)	4	BIOL 1010 or GEOG 2100 + GEOG 2990	Introduction to Environmental Science, PL, SI or Geology, DP, PL, SI + Elective
63	Minimum Credits		63	Transferred Credits	

ECS Professional Electives					
3	BIO 128	Plants and Society	3	BIOL 1990	Transfer Elective
4	BIO 140	Introduction to Greenhouse Management	4	BIOL 1990	Transfer Elective
3	BIO 142	Entomology: Insect Biology	3	BIOL 1994	Transfer Elective
3	EAS 110	Introduction to Environmental Science	3	BIOL 1010	Introduction to Environmental Science, PL, SI Required for Major.
4	EAS 125	Physical Geology of the Earth (Recommended)		GEOG 2100 + GEOG 2990	Geology, DP, PL, SI + Elective Required for Major.
4	EAS 126	Weather and Climate		GEOG 1991	Elective (Will count as major elective)
1	ECR 107	Plant Nutrients	1	BIOL 1991	Transfer Elective
4	ECR 108	Plant Pathology	4	BIOL 1998	Transfer Elective
1	ECR 109	Fruit Production	1	BIOL 1992	Transfer Elective
1	ECR 181	Integrated Pest Management	1	BIOL 1993	Transfer Elective
4	ECR 197	Forest Fire Control and Management	4	GENS 1994	Transfer Elective
3	MAT 143	Statistics	3	MATH 1700	Applied Statistics, QR (Required Math)
4	MAT 163	Pre-Calculus (Recommended math)	4	MATH 1300	Precalculus, QR (Required Math)
4	MAT 211	Calculus I	4	MATH 2300	Calculus I, QR
Courses left to complete at Fitchburg State					
3	BIOL 1010	Introduction to Environmental Science	Unless transfer EAS 110		
3	GEOG 2100	Geology	Unless transfer EAS 125		
3	GEOG 2500	Oceanography			
3	GEOG 3110	Climatology			
3	GEOG 4000	Geographic Information System			
3	GEOG 4200	Geomorphology			
3	GEOG 4500	Remote Sensing of the Environment			
3	GEOG 4600	Environmental Hydrogeology			
4	CHEM 1300	General Chemistry I			
4	CHEM 1400	General Chemistry II			
4	PHYS 2300	General Physics I			
4	PHYS 2400	General Physics II			
4	MATH 1300	Precalculus	Unless transfer MAT 163		

3	MATH 1700	Applied Statistics	Unless transfer MAT 143
10-17		Free Electives	
57		Total Credits Left to Complete	

*Students who complete an associate degree with these recommended courses have fulfilled their general education requirements for Fitchburg State.