



## Life Sciences/Sustainable Agriculture

### Program Goals Statement

The Sustainable Agriculture program is designed to address the issues of a safe, reliable food supply and the environmental relationships of agriculture with resource use, energy consumption and climate change. The goal of this program is to provide the practical training and experience for sustainable farming and gardening and is directed towards new farmers, gardeners, landscapers, nursery producers, and farm managers. Graduates will be prepared to enter farming, gardening, community organizations, agricultural businesses, or to continue their education in sustainable food production and agricultural professions.

### Program Information

- Graduates are prepared with the scientific basis and technical skills necessary to pursue a career as a sustainable agriculture professional.
- Hands-on experience in laboratories and field experiences allows students to put into practice knowledge gained in the classroom.
- Graduates of this program are not only prepared to work as sustainable agricultural professionals, advisors, and managers; they also are prepared with the fundamentals for pursuing further study in the field of agriculture and related natural sciences.

### Recommended Electives

Students should choose from AGR, BIO, SCI, SOC, SUS to complete at least 61 credits.

### After Bristol

- Continue education at a 4-year program such as University of Massachusetts/Amherst Sustainable Food and Farming Program or University of Rhode Island (URI) Sustainable Agriculture Program.
- Pursue a career as a professional organic landscape or garden consultant.
- Pursue a career as an organic producer.
- Employment on one of over 170 S.E. Massachusetts or Rhode Island organic farms.
- Employment at a nursery, landscaper, or garden center business.
- Employment with a community development organization or school gardens program.
- Students with a 2-year Associate Degree are eligible to serve as an agricultural volunteer in the U.S. Peace Corps.

**Subject:** Sustainable Agriculture  
Life Sciences

**Type:** Associate Degree



## Campus

**Campus:**

Fall River  
Item #  
Title  
Credits

## Degree Requirements

### General Courses

<b>Item #</b>	<b>Title</b>	<b>Credits</b>
COM 101	Fundamentals of Public Speaking	3
CSS 101	College Success Seminar	1
EGR 141	Introduction to Environment	3
ENG 101	Composition I: College Writing	3
ENG 102	Composition II: Writing about Literature	3
HST 114	United States History from 1877	3
MTH 119	Fundamental Statistics	3
SCI 115	Science and Care of Plants	4
SOC 216	Food, Famine, and Farming in the Global Village	3
BUS 114	Small Business Planning	1
INT 110	Internship Experience	2

### Program Courses

<b>Item #</b>	<b>Title</b>	<b>Credits</b>
AGR 114	Sustainable Agriculture	4
AGR 116	Water Acquisition and Conservation	2
AGR 123	Entomology and Plant Disease	3



## Elective Courses

Choose from *two* Behavioral Social/Science electives: from SOC 101, SOC 226 or transfer electives and elective recommendations.

Technical Literacy: Waived for students who have successfully completed two (2) online courses. See General Education Competency courses Technical Literacy for course listings.

Item #	Title	Credits
	Behavioral/Social Science Elective	3
	Behavioral/Social Science Elective	3
	Technical Literacy Elective	3

## Choose at least two of the following

Item #	Title	Credits
AGR 122	Natural Beekeeping Practices	2
AGR 124	Permaculture: Design for Regeneration	3
AGR 125	Specialized Crops	3

## Recommended Course Sequence - Semester 1

Item #	Title	Credits
CSS 101	College Success Seminar	1
ENG 101	Composition I: College Writing	3
EGR 141	Introduction to Environment	3
HST 114	United States History from 1877	3
SCI 115	Science and Care of Plants	4

## Recommended Course Sequence - Semester 2

Item #	Title	Credits
AGR 114	Sustainable Agriculture	4
BUS 114	Small Business Planning	1
ENG 102	Composition II: Writing about Literature	3
	AGR 122 or AGR 124 or AGR 125	2-3



## Recommended Course Sequence - Semester 3

<b>Item #</b>	<b>Title</b>	<b>Credits</b>
COM 101	Fundamentals of Public Speaking	3
MTH 119	Fundamental Statistics	3
AGR 116	Water Acquisition and Conservation	2
SOC 216	Food, Famine, and Farming in the Global Village	3

## Recommended Course Sequence - Semester 4

<b>Item #</b>	<b>Title</b>	<b>Credits</b>
INT 110	Internship Experience	2
	AGR 122 or AGR 123 or AGR 124	2-3
	<b>Total credits:</b>	<b>61</b>