

# Sustainable Agriculture Technology

## Degree Type

Certificate

NHTI's Sustainable Agriculture Technology certificate program prepares future farmers like you for the business and science of running a small profitable farm in Northern New England. You'll learn sustainable alternatives to industrialized farming and how to be successful in the marketplace without competing with industrialized and specialized large-scale operations. You'll develop the skills necessary to market your product. As an advocate for the production of environmentally friendly food in their community, you'll understand the holistic role of the agroecosystem and how to balance the economic, environmental and social needs of the farmer and community. This program is financial aid-eligible.

**Do you have questions?** Contact Amy West, department chair, at [awest@ccsnh.edu](mailto:awest@ccsnh.edu) or 603-271-6484 x4243.



## Career Information

Students who complete this program can enter into the following professions (not an inclusive list): farmer, market gardener, farmers market manager, and local food buyer for supermarket.

## Admission Requirements

Apply for this program today on our [Admissions page](#) with step-by-step instructions and enrollment pathways build just for you!

## Curriculum

Item #	Title	Lecture Hours	Lab Hours	Credits
ACCT101C	Accounting and Financial Reporting I	3	0	3
BUS170C	Principles of Marketing	3	0	3
AGRI110C	Sustainable Agriculture I	3	2	4
AGRI112C	Practical Applications for Sustainable Agriculture I	1	3	2
AGRI115C	Practical Applications for Sustainable Agriculture II	1	3	2
	BIOL115C or BIOL117C or ENVS101C	3	2	4
	<b>Subtotal Credits</b>	<b>14</b>	<b>10</b>	<b>18</b>
	<b>Total Credits</b>			<b>18</b>

## Additional Information

### Program Learning Outcomes

- Students will communicate effectively.
  - Students will employ vocabulary pertinent to agriculture.
  - Students will develop specialized portfolios of their proposed agriculture business.
- Students will use critical thinking.
  - Students will apply the scientific method.

- Students will assess agricultural trends and identify appropriate management strategies.
- Students will demonstrate the application of scientific technology.
  - Students will practice lab and field safety procedures.
  - Students will utilize current technology to evaluate farm management methods.
- Students will express quantitative and qualitative scientific knowledge.
  - Students will demonstrate knowledge of sustainable agricultural practices.
  - Students will describe connections between the environment and human societies and how each affects the other.

#### Technical Standards

Students must have the strength, stamina, motor coordination, and sensory capabilities for the following actions:

- Standing for sustained periods of time; walking, running, bending, and sitting on the floor/ground
- Frequent lifting, moving, and transferring of equipment, plants, and/or livestock
- Sufficient visual and hearing acuity to ensure a safe environment and respond quickly to clients, colleagues, and partners in the event of an emergency
- Sufficient verbal ability to express and exchange information and ideas and to interpret instructions to clients, colleagues, and partners
- Ability to work with frequent interruptions, respond appropriately to unexpected situations, demonstrate safe care for colleagues and the workplace, and cope with variations in workload and stress levels
- Ability to consistently attend and participate in classes and lab
- Ability to demonstrate and maintain organizational skills and time management in classes and labs

NHTI reserves the right to amend its technical standards at any time and impose them on all current students.