

Sustainable Agriculture

Degree Type

Associate of Science

NHTI's Sustainable Agriculture degree program prepares you for the business and science behind running a small profitable farm in Northern New England and gives you the courses needed for transfer into a 4-year degree program. You'll develop the skills to market your product through farmers markets, roadside stands, community-supported agriculture, and restaurants as part of the local food-to-table movement. 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. You'll specialize based on your agricultural preference. This program is financial aid-eligible.

Do you have questions? Contact Amy West, department chair, at awest@ccsnh.edu or 603-271-6484 x4243.



Career Information

Students develop the skills necessary and complete the classes needed to enter these careers (not an inclusive list):

- Farmer/farm manager
- Market gardener
- Farmers market manager
- Sustainable agriculture consultant
- Local food buyer for supermarket
- Organic/sustainable retail and support
- Agricultural fair worker
- Manager and marketer of agricultural operations
- Manager of working lands and landscapes
- Agriculture/food/nutrition/natural resources-related researcher
- Policymaker

Admission Requirements

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

Curriculum

General Education Requirements

Item #	Title	Lecture Hours	Lab Hours	Credits
BIOL111C	General Biology I	3	2	4
ENGL101C	English Composition	4	0	4
	Mathematics elective (Calculus track)	4	0	4
SOCI180C	Environment and Society	3	0	3
INDL101C	STEM in the First-Year Experience	3	0	3
MATH251C	Statistics	4	0	4
	Sustainable Agriculture elective			3-4
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	Subtotal Credits	21	2	31-34

Major Requirements

Item #	Title	Lecture Hours	Lab Hours	Credits
ACCT101C	Accounting and Financial Reporting I	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
BIOL112C	General Biology II	3	2	4
BUS170C	Principles of Marketing	3	0	3
ENVS220C	Introduction to Soil Science	3	2	4
ENVS250C	Agroecology	3	2	4
	BIOL 115C or BIOL 117C or ENVS 101C	3	2	4
	Subtotal Credits	23	16	30
	Total Credits			61-64

Additional Information

Program Learning Outcomes

- Students will communicate effectively.
 - Students will employ vocabulary pertinent to agriculture.
 - Students will complete research and use peer-reviewed sources of literature.
- 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 collect, analyze, and present data.
- 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.