

# SUSTAINABLE AGRICULTURE – DEGREE WITH CERTIFICATE OPTION



## PROGRAM LENGTH

2 years

## CREDENTIALS/CREDITS

Associate Degree, 60 credits

## DELIVERY

In-Person, Online

## TUITION AND FEES

[NHTI.edu/tuition](http://NHTI.edu/tuition)

## MORE INFO

NHTI – Concord's Community College  
31 College Drive, Concord, N.H. 03301

[NHTI.edu/program/sustainable-agriculture](http://NHTI.edu/program/sustainable-agriculture)

603-230-4000 | 800-247-0179

[NHTIinfo@ccsnh.edu](mailto:NHTIinfo@ccsnh.edu)

## ADMISSIONS

[NHTI.edu/admissions](http://NHTI.edu/admissions)

603-230-4011 | Hours: 8 a.m.-4 p.m.

[NHTIadmissions@ccsnh.edu](mailto:NHTIadmissions@ccsnh.edu)

The Sustainable Agriculture program will help you to address current and future challenges in food sustainability. These courses and hands-on farm experiences will prepare you to balance resource use and environmental protection with societies food need and long-term economic viability. The certificate in Sustainable Agriculture prepares you for the business and science of running a small, profitable farm in Northern New England.

## Certificate Options

The Sustainable Agriculture Certificate can be stand-alone or applied to the Sustainable Agriculture associate degree. You choose a specialty – such as greenhouse farming, raising livestock, and agricultural management – and focus on sustainable alternatives to industrialized farming. You develop the skills necessary to market products through community-supported agriculture and restaurants in the food-to-table movement. Lab experience will be on local farms and NHTI's 240 acres.

## Career Opportunities

Positions for which you may qualify with an associate degree include:

- Farmer/Market Gardener
- 4-H coordination
- Farm/Greenhouse Manager
- Supermarket food buyer
- Agrotourism
- Agricultural fair worker

## Salary Potential

There is a wide range of jobs in the life sciences. The average hourly wage range in New Hampshire for farming, fishing, and forestry occupations for entry-level workers is \$11/hour, while experienced workers can make up to \$20/hour.<sup>1</sup>

## Sustainable Agriculture Associate of Science Curriculum

Course	Title	CL	LAB	CR
<b>General Education Requirements</b>				
BIOL 111C	General Biology I	3	2	4
ENGL 101C	English Composition	4	0	4
MATH 124C	College Algebra or higher-level math (excluding MATH 129C)	4	0	4
SOCI 180C	Environment and Society (Fall only)	3	0	3
XX xxxC	Humanities/Fine Arts/Language elective	3	0	3
ENGL xxxC	Communication elective or			
ENGL xxxC	Literature elective			
MATH 251C	Statistics or	4	0	4
XX xxxC	Humanities/Fine Art/Language elective	3	0	3
				<b>24-25</b>
<b>Major Requirements</b>				
ACCT 101C	Accounting I <sup>1</sup>	3	0	3
AGRI 110C	Sustainable Agriculture I	3	2	4
AGRI 112C	Practical Applications for Sustainable Agriculture I	1	3	2
AGRI 115C	Practical Applications for Sustainable Agriculture II	1	3	2
BUS 170C	Principles of Marketing <sup>1</sup>	3	0	3
ENVS 220C	Introduction to Soil Science	3	2	4
ENVS 250C	Agroecology (Fall only)	3	2	4
BIOL 115C	Introduction to Ecology or			
BIOL 117C	Introduction to Plant Biology or			
ENVS 101C	Fundamentals of Environmental Science	3	2	4
				<b>26</b>
<b>Elective Requirements (choose 2)</b>				
ACCT 101C	Accounting II	3	0	3
ARET 160C	Introduction to Geographic Information Systems	2	2	3
BIOL 112C	General Biology II	3	2	4
BIOL 159C	Personal Nutrition	3	2	4
BIOL 202C	Microbiology	3	3	4
BIOL 211C	Genetics	3	2	4
BIOL 212C	Ecology	3	2	4
CHEM 103C	General Chemistry I	3	2	4
CHEM 104C	General Chemistry II	3	2	4
CHEM 105C	Chemistry	3	2	4
CHEM 115C	Brewing: The Science Behind Beer	3	2	4
GEOG 110C	Introduction to Cultural Geography	3	0	3
LAND 101C	Identification and Uses of Trees	3	0	3
LAND 102C	Identification and Uses of Shrubs, Groundcovers, and Vines	3	0	3
PHYS 133C	Physics (Algebra-based)	3	2	4
PHYS 134C	Physics II (Algebra-based)	3	2	4
PHYS 231C	Physics I (Calculus-based)	3	3	4
PHYS 232C	Physics II (Calculus-based)	3	3	4
				<b>9-10</b>
<b>Total Credits</b>				<b>60</b>