

# Landscape and Environmental Design

## Degree Type

Associate of Science

NHTI's Landscape and Environmental Design degree program educates you to be a future steward of the natural environment. It combines coursework in natural science, technology, and design to help you understand the natural environment and its relationship to the built environment. The program includes a core foundation of education and skills that lead to advanced study or entry-level careers in environmental industry. This is the only college-level, credit-bearing landscape design program in the Northeast.

**Do you have questions?** Contact Liaquat Khan, department chair, at [lkhan@ccsnh.edu](mailto:lkhan@ccsnh.edu) or 603-271-6484 x4221.



## Career Information

This degree is preparation for further education and/or careers related to the natural environment such as forestry, landscape management and design, wetland science, landscape architecture, urban planning, environmental technology, and environmental conservation.

## Admission Requirements

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

Applicants are required to have:

- High school Algebra I with a C or higher, or NHTI's MATH092C with a C or higher
- High school Biology with lab with a C or higher

## Curriculum

### First Year

Fall Semester

Item #	Title	Lecture Hours	Lab Hours	Credits
ENGL101C	English Composition	4	0	4
BIOL117C	Introduction to Plant Biology	3	2	4
LAND102C	Identification and Uses of Shrubs, Groundcovers, and Vines	3	0	3
LAND115C	Landscape Design Theory	3	0	3
	Mathematics elective (MATH 120C or higher level)	4	0	4
	<b>Subtotal Credits</b>	<b>17</b>	<b>2</b>	<b>18</b>

## Spring Semester

Item #	Title	Lecture Hours	Lab Hours	Credits
	ARET 101C or LAND 200C	3	0	3
LAND101C	Identification and Uses of Trees	3	0	3
LAND112C	Landscape Drawing and Presentation Techniques	2	2	3
	Landscape and Environmental Design elective	3	0	3-4
	Social Science elective	3	0	3
	<b>Subtotal Credits</b>	<b>14-15</b>	<b>2</b>	<b>15-16</b>

## Second Year

### Fall Semester

Item #	Title	Lecture Hours	Lab Hours	Credits
	English elective	3	0	3
LAND220C	Planting Design	3	0	3
	BIOL 115C or ENVS 101C	4	0	4
	Humanities/Fine Arts/Language elective	3	0	3-4
	<b>Subtotal Credits</b>	<b>13-14</b>	<b>0</b>	<b>13-14</b>

### Spring Semester

Item #	Title	Lecture Hours	Lab Hours	Credits
ARET160C	Introduction to Geographic Information Systems	2	2	3
LAND270C	Sustainable Landscape Principles and Practices	3	2	4
LAND290C	Senior Project/Internship	0	12	4
	Landscape and Environmental Design elective	3	0	3-4
	<b>Subtotal Credits</b>	<b>8-9</b>	<b>16</b>	<b>14-15</b>
Total Credits			60-63	

## Additional Information

### Program Learning Outcomes

Graduates demonstrate:

- Working knowledge of landscape design principles and practices, including a portfolio of work samples completed during the internship/ senior thesis project
- Proficiency in written, oral, and graphic communication skills
- An understanding of the social, economic, and political climates in which this profession operates and the mutual impacts and influences of each on the industry and its practitioners
- Working knowledge of and appreciation for the natural physical environment
- Computer literacy in computer-aided design skills sufficient for successful entry-level employment
- Academic preparedness for transfer into a related bachelor's degree program
- Conduct/ behavior consistent with professional workplace standards

## Student Testimonials

*My associates degree in Landscape and Environmental Design was key in the advancement of my career. Not only did it supply me with the adequate credits to transfer into the University of Rhode Island Landscape Architecture program, it was a keystone to the information I use on a daily basis. In many ways I had more/different skill set with my associates degree than the Juniors I matriculated to. The ability to tap into resources with the Community College programing should not be overlooked.*

– Drypolcher, Class of 2018

*I learned so much from the program, I'm really grateful that we have something local and affordable that taught me what I needed. And I do have to say, your last class really brought everything together for me. It answered a lot of questions that I had about being a professional in the field. And I appreciate all the personal attention you gave to me. It was tremendously helpful. I look forward to staying in touch and hopefully seeing you at some upcoming events!*

– Meredith, Class of 2017

*The landscape design program at NHTI helped me gain experience while working in the green industry. Now that I have my certificate, I'm continuing my education in horticulture at Oklahoma State University.*

– Bao, Class of 2016

*You will learn the art and science involved in Landscape Design ... with environmental integrity being the driving factor. You will learn from a very highly accomplished staff of licensed landscape architects, engineers and certified professionals within the landscape trade. I cannot speak highly enough about the staff and the Landscape Design program offered at NHTI, because without them I would not be as successful as I am today.*

– Branden, Class of 2016