JOB-FOCUSED EDUCATION

ASSOCIATE DEGREE

Accredited | Affordable | Two-Week Terms

UNITY
TECHNICAL INSTITUTE FOR ENVIRONMENTAL PROFESSIONS

URBAN AGRICULTURE

Research suggests that an increased focus on urban agriculture may be critical to our survival and a crucial adaptation to climate change. According to the United Nations Food and Agriculture Organization (UNFAO), almost 10% of the global population practices urban farming. Urban farming includes vertical, hydroponic, rooftop, community, aqua, beekeeping, and more. Urban vegetation helps mitigate the effects of the warming planet. In addition, urban agriculture may be the key to feeding the world. Urban agriculture in our region includes many community gardens, small farms, and commercial operations such as Vertical Harvest in Westbrook, Maine. According to the Bureau of Labor Statistics, the job outlook for agriculture and related jobs remains bright with an estimate of an additional 78,000 jobs to be added by 2030.

HOW YOU WILL LEARN

We have identified the best features of in-person and virtual learning, brought them together, and created an innovative and flexible education designed for the modern learner. All courses run on a two-week term calendar where learners take one course at a time. Each class meets in person regularly with day, weekend, and evening options available. In addition, courses leverage HyFlex instruction to enhance classroom learning. Using this flexible approach, learners leverage tools such as discussion boards, academic support resources, videos, and project-based assignments to demonstrate their understanding of the content. Our facility in New Gloucester, Maine, is equipped with state-of-the-art classrooms deploying cutting–edge technology, laboratories, conference rooms, co-working/study spaces, and more to support and enhance teaching and learning.

COSTS

+ $250 per credit
+ Financial aid options are available, which can reduce out-of-pocket costs significantly.
+ There are no additional textbook costs for most of our courses!

JOB OUTCOMES, & GROWTH*

Agriculture Technicians
+10%

Food Science Technicians
+8%

*Projected 10-year growth
Source: O*Net

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UNOFFICIAL CHECKSHEET
A.A.S. IN URBAN AGRICULTURE

Student Name

Total Transfer Credits | Checksheet Date

GRADUATES WILL BE ABLE TO:

+ Demonstrate an understanding of the factors that influence urban farming including environmental, social, economic, and regulatory.
+ Identify and describe the properties of, and threats to, urban farm soil and plants.
+ Explore various urban farming infrastructures and the benefits/challenges of each one.
+ Describe the salient characteristics of a functional management and marketing plan for an urban farm.
+ Explain the broader domestic, global, social, and economic impacts of urban agriculture.

General Education Core

- [ ] **BIO 101** Introduction to Biodiversity, Ecology, and Evolution
- [ ] **CHE 101** Foundations of Chemistry
- [ ] **COM 100** Career Pathways
- [ ] **COM 101** Digital Fluency and Information Literacy
- [ ] **COM 102** 21st Century Communication Skills
- [ ] **COM 105** Write Right!
- [ ] **COM 201** Research Applications
- [ ] **COM 205** Focus on Sustainability
- [ ] **ENS 101** Our Blue Planet
- [ ] **MAT 201** Don't Step in the BullS#it! Workplace Statistics

Program Core

- [ ] **AGR 101** Introduction to Commercial Urban Agriculture
- [ ] **AGR 103** Urban Agriculture Systems
- [ ] **AGR 105** Soil Science I
- [ ] **AGR 107** Plant Nutrition
- [ ] **AGR 109** Plant Diseases
- [ ] **AGR 203** Plant Lifecycle
- [ ] **AGR 205** Soil Science II
- [ ] **AGR 207** Weeds and Pest Management
- [ ] **PRO 201** Professional Ethics
- [ ] **PRO 290** Professional Capstone

Electives

- [ ] 20 credits of unrestricted electives

Graduation Requirements

A minimum of 60 earned credit hours, a minimum of 15 credits earned at the Technical Institute, and an overall cumulative GPA of 2.0 or above.

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SECOND DEGREE

UNOFFICIAL CHECKSHEET
A.A.S. IN URBAN AGRICULTURE

Student Name

Total Transfer Credits | Checksheet Date

GRADUATES WILL BE ABLE TO:

+ Demonstrate an understanding of the factors that influence urban farming including environmental, social, economic, and regulatory.
+ Identify and describe the properties of, and threats to, urban farm soil and plants.
+ Explore various urban farming infrastructures and the benefits/challenges of each one.
+ Describe the salient characteristics of a functional management and marketing plan for an urban farm.
+ Explain the broader domestic, global, social, and economic impacts of urban agriculture.

General Education Core

20 Credits met by transfer block

Program Core

- ☐ **AGR 101** Introduction to Commercial Urban Agriculture
- ☐ **AGR 103** Urban Agriculture Systems
- ☐ **AGR 105** Soil Science I
- ☐ **AGR 107** Plant Nutrition
- ☐ **AGR 109** Plant Diseases
- ☐ **AGR 203** Plant Lifecycle
- ☐ **AGR 205** Soil Science II
- ☐ **AGR 207** Weeds and Pest Management
- ☐ **PRO 201** Professional Ethics
- ☐ **PRO 290** Professional Capstone

Electives

20 Credits met by transfer block

40 total credits in transfer credit block

Graduation Requirements

A minimum of 60 earned credit hours, a minimum of 15 credits earned at the Technical Institute, and an overall cumulative GPA of 2.0 or above.