

# SUSTAINABLE URBAN AGRICULTURE, A.A.S.

The **Sustainable Urban Agriculture degree** offers a hands-on approach to becoming a professional in the field of urban farming and sustainable urban agriculture. The goal of the program is to help society improve the health of its environment, food, and communities. Students gain practical experience working alongside professional urban farmers. Students will critically analyze historical and current food systems to offer more sustainable solutions. Includes sustainable urban agriculture management and marketing techniques for food production systems.

For more information about Horticulture, please visit the program page (<http://www.cod.edu/horticulture/>).

## Degree Requirements

Field of Study Code: HORT.AAS.URBAN

Code	Title	Credits
<b>Program Requirements</b>		
Select one of the following:		4-5
BIOLO 1110	Environmental Biology	
BIOLO 1151	Principles of Biological Science	
CHEMI 1211	Survey of General Chemistry	
HORT 1100	Introduction to Horticulture	3
HORT 1101	Soils and Fertilizers	3
HORT 1109	OSHA 10-Hour Landscape Safety	1
HORT 1125	Water Use/Conservation in the Landscape	1
HORT 1135	Introduction to Green Roofs	1
HORT 1141	Sustainable Landscape Design	1
HORT 2253	Greenhouse Operations and Procedures	3
HORT 2300	Introduction to Sustainable Urban Agriculture	3
HORT 2301	Principles of Agroecology	3
HORT 2303	Urban Agriculture Issues	2
HORT 2304	Hydroponic and Aquaponic Production Systems	3
HORT 2305	Local Foods	2
HORT 2307	Business Principles for Sustainable Agriculture	2
HORT 2308	Introduction to Composting	1
HORT 2311	Cool Season Vegetable and Herb Production	2
HORT 2312	Warm Season Vegetable and Herb Production	2
HORT 2863	Internship (Career & Technical Ed)	3
MATH 1104	Mathematics for Horticulture	3
<b>General Education</b>		
Select six credits of Communications courses		6
Select three credits of Humanities & Fine Arts courses		3
Select three credits of Social & Behavioral Sciences courses		3
<b>Program Electives</b>		
Select 9 credits from the following:		9
BIOLO 2150	Ecology	

BOTAN 1320	Prairie Ecology
EARTH 1135	Water Science-Fundamentals of Hydrology
HORT 1114	Irrigation & Water Management
HORT 1116	Spanish for Horticulture
HORT 1142	Landscaping for Pollinators
HORT 2221	Plant Propagation
HORT 2251	Plant Pathology
HORT 2261	Entomology for Horticulture
HORT 2306	Introduction to Beekeeping
HORT 2309	Fruit and Berry Production
HORT 2310	Permaculture Design Certification
HORT 2313	Mushroom Production
MARKE 2210	Principles of Marketing
MATH 1428	College Algebra With Applications
MATH 1635	Statistics

**Total Credits** 64-65

## General Education Requirements

For general education requirements for the A.A.S. degree, please visit the A.A.S. degree catalog page (<https://catalog.cod.edu/associate-degree-programs/associate-applied-science-degree/>).