

LANDSCAPE CONTRACTING AND MANAGEMENT, A.A.S.

The **Landscape Contracting and Management degree** develops a student's ability to design, implement, and maintain landscape projects. Students build professional skills in plant healthcare, design, estimating, installation and project management while earning an Associate's in Applied Science Degree. Landscape contracting graduates are well-placed to work in the growing field of sustainable landscaping, or enter a Bachelors program in Horticulture or related field.

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

Degree Requirements

Field of Study Code: HORT.AAS.LAND

Code	Title	Credits
Program Requirements		
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 1111	Landscape Design I	3
HORT 1112	Landscape Maintenance	3
HORT 1113	Landscape Construction	3
HORT 1114	Irrigation & Water Management	3
HORT 1130	Horticulture Business	3
HORT 2211	Computer-Aided Drafting for Landscape	3
HORT 2213	3D Landscape Design	3
HORT 2231	Turf Science and Management	3
HORT 2235	Landscape Estimating and Bidding	3
HORT 2241	Landscape Plants I	3
HORT 2242	Landscape Plants II	3
HORT 2251	Diseases of Ornamental Plants	3
HORT 2261	Insects of Ornamental Plants	3
HORT 2863	Internship (Career & Technical Ed)	3
ECONO 2201	Macroeconomics and the Global Economy	3
or ECONO 2202	Microeconomics and the Global Economy	
MATH 1104	Mathematics for Horticulture	3
General Education		
Select six credits of Communications courses		6
Select three credits of Humanities & Fine Arts courses		3
Program Electives		
Select a minimum of three credits from the following:		3
HORT 1116	Spanish for Horticulture	
HORT 1120	Landscape Lighting	
HORT 1125	Water Use/Conservation in the Landscape	
HORT 1131	Landscaping for Wildlife	
HORT 1135	Introduction to Green Roofs	

HORT 1140	Landscape Graphics
HORT 1141	Sustainable Landscape Design
HORT 1142	Landscaping for Pollinators
HORT 1145	Perennial Plant Communities I
HORT 1150	Power Equipment Electrical Systems
HORT 1151	2-Cycle Small Engine Repair/Maintenance
HORT 1152	4-Cycle Small Engine Repair/Maintenance
HORT 1153	Portable Power Generator Repair and Maintenance
HORT 1154	Compact Diesel Engines
HORT 1155	Power Equipment Drivelines/Hydraulics/Hydrostatics
HORT 1185	Arboriculture
HORT 2212	Advanced Computer-Aided Drafting For Landscape
HORT 2214	Advanced 3D Landscape Design
HORT 2221	Plant Propagation
HORT 2243	Ornamental Grasses
HORT 2244	Herbaceous Perennials
HORT 2245	Perennial Plant Communities II
HORT 2256	Interior Plant Identification & Design
HORT 2271	Landscape Design II

Total Credits 71-72

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/>).

Suggested Semester Sequence

Course	Title	Credits
First Semester		
ENGLI 1101	English Composition I	3
or ENGLI 1105	or Workplace Writing	
HORT 1100	Introduction to Horticulture	3
HORT 1109	OSHA 10-Hour Landscape Safety	1
HORT 1101	Soils and Fertilizers	3
HORT 1111	Landscape Design I	3
HORT 1130	Horticulture Business	3
Credits		16
Second Semester		
Select one of the following:		3
SPEEC 1100	Fundamentals of Speech Communication	
SPEEC 1120	Small-Group Communication	
SPEEC 1150	Introduction to Business Communication	
MATH 1104	Mathematics for Horticulture	3
HORT 1113	Landscape Construction	3
HORT 2211	Computer-Aided Drafting for Landscape	3
BIOLO 1151	Principles of Biological Science	5
or CHEMI 1211	or Survey of General Chemistry	
Credits		17
Summer Semester		
HORT 1114	Irrigation & Water Management	3

HORT 2231	Turf Science and Management	3
Elective	Program Elective	3
Credits		9
Third Semester		
ECONO 2201 or ECONO 2202	Macroeconomics and the Global Economy or Microeconomics and the Global Economy	3
HORT 1112	Landscape Maintenance	3
HORT 2213	3D Landscape Design	3
HORT 2241	Landscape Plants I	3
HORT 2251	Diseases of Ornamental Plants	3
Credits		15
Fourth Semester		
Gen Ed	Humanities and Fine Arts (https://catalog.cod.edu/educational-opportunities/#humanities-fa)	3
HORT 2235	Landscape Estimating and Bidding	3
HORT 2242	Landscape Plants II	3
HORT 2261	Insects of Ornamental Plants	3
HORT 2863	Internship (Career & Technical Ed)	3
Credits		15
Total Credits		72

Program Milestones

First Semester

- Consider joining or visiting with a professional, cultural or interest-based Student Club (http://cod.edu/student_life/clubs_org/).
- Meet with horticulture program advisor
- Join horticulture club
- Participate in industry and community events
- Begin Horticulture Portfolio

Second Semester

- If you have not done so yet this semester, it is important to make an appointment with a Faculty or Program Advisor (<https://www.cod.edu/academics/programs/horticulture/faculty.aspx>) to discuss your future academic progress.
- Attend horticulture career fair
- Visit Career Services
- Participate in department community service projects
- Develop/maintain horticulture portfolio

Third Semester

- Start researching internship opportunities
- Participate in department community service and industry events
- Degree audit with program chair
- Meet with program advisor for support
- Develop/maintain portfolio

Fourth Semester

- Apply for graduation
- Participate in department community service and industry events
- Degree audit with advisor

This page lists programs related to one another.

- Floral Shop Management, Certificate (<https://catalog.cod.edu/programs-study/horticulture/floral-shop-management-certificate/>)
- Greenhouse Management, Certificate (<https://catalog.cod.edu/programs-study/horticulture/greenhouse-management-certificate/>)
- Horticulture, A.A.S. (<https://catalog.cod.edu/programs-study/horticulture/horticulture-aas/>)
- Horticulture, Certificate (<https://catalog.cod.edu/programs-study/horticulture/horticulture-certificate/>)
- Landscape and Turf Maintenance, Certificate (<https://catalog.cod.edu/programs-study/horticulture/landscape-turf-maintenance-certificate/>)
- Landscape Design and Construction, Certificate (<https://catalog.cod.edu/programs-study/horticulture/landscape-design-construction-certificate/>)
- Nursery and Garden Center Management, Certificate (<https://catalog.cod.edu/programs-study/horticulture/nursery-garden-center-management-certificate/>)
- Power Equipment and Technology, Certificate (<https://catalog.cod.edu/programs-study/horticulture/power-equipment-technology-certificate/>)
- Sustainable Landscapes, Certificate (<https://catalog.cod.edu/programs-study/horticulture/sustainable-landscape-certificate/>)
- Sustainable Urban Agriculture, A.A.S. (<https://catalog.cod.edu/programs-study/horticulture/sustainable-urban-agriculture-aas/>)
- Sustainable Urban Agriculture, Certificate (<https://catalog.cod.edu/programs-study/horticulture/sustainable-urban-agriculture-certificate/>)
- Urban Farming, Certificate (<https://catalog.cod.edu/programs-study/horticulture/urban-farming-certificate/>)