

Sustainable Horticulture (SH)

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In the Sustainable Horticulture program students learn sustainable landscape techniques and technologies including design, implementation, and management of green roofs and green walls; stormwater management best practices; sustainable choices in plant materials; and use of alternative energy systems in landscapes. Students complete foundation courses in landscape horticulture and environmental science, and then take additional technical courses in sustainable horticulture. Core business courses prepare students for leadership roles in local businesses and municipalities, while cooperative education employment experiences allow students to further develop their knowledge in positions with companies utilizing sustainable horticulture.

Sustainable Agriculture Management Certificate (AGRC)

The Sustainable Agriculture Management Certificate is a new program leading to career opportunities in small urban growing operations, farmers' markets, and other urban agriculture initiatives. The program is designed for completion in one year (three semesters) as a full-time student.

Students will be involved in continuous hands-on learning at an urban farm throughout the program. Coursework includes soil and plant science, production of crops and raising small animals, along with the financial, marketing, and management skills needed to successfully run an urban agriculture business.

Sustainable Horticulture (SH)

All degree-seeking students must complete a First Year Experience (FYE) course as part of the first 12 credit hours taken at Cincinnati State.

		Credits
Semester 1		
ENG 101	English Composition	3
LH 105	Horticulture Occupations	1
LH 120	SOIL SCIENCE AND PLANT NUTRITION	3
LH 130	WOODY PLANT MATERIALS	3
LH 140	Landscape Operations	3
BUS 190	Professional Practices	1
XXX XXX		3
Environmental Science Elective		
Semester 2		
ACC 101	Financial Accounting	3
LH 110	HORTICULTURE SCIENCE	3
LH 151	Landscape Design 1	3
LH 155	Computer-Aided Landscape Design	3
ENG 1XX English Composition Elective		3
Semester 3		
LH 135	HERBACEOUS PLANT MATERIALS	3
LH 165	Landscape Construction	3
LH 291	Full-Time Cooperative Education 1: Landscape Horticulture	2
Semester 4		
LAW 101	Business Law	3
ECO 105	Principles of Microeconomics	3
COMM 110	Public Speaking	3
LH 230	Landscape Solutions to Stormwater Management	3
LH 245	Plants for Sustainable Landscapes	3
Semester 5		
MKT 1XX Marketing Elective		3
MGT 1XX Management Elective		2

LH 240	Landscape Management	3
LH 290	Sustainable Landscape Design Capstone	3
XXX XXX Arts/ Humanities Elective		3
Semester 6		
BUS 290	Business Competencies	1
LH 292	Full-Time Cooperative Education 2: Landscape Horticulture	2
Total Credits:		72

Electives

Environmental Science Elective

EVT 125	Restoration Ecology: Sustainable Sites	3
EVT 175	Watershed Management	3
BIO 270	Ecology	5

English Composition Elective

ENG 102	Composition and Argument	3
ENG 105	Composition and Business Communication	3

Marketing Elective

MKT 101	Principles of Marketing	3
MKT 105	Marketing and Customer Relations	3
MKT 110	Sales and Customer Relations	3
MKT 130	Professional Selling	3
MKT 140	Entrepreneurial Marketing	3

Management Elective

MGT 100	Introduction to Management	2
MGT 101	Principles of Management	3
MGT 105	Human Resource Management	3
MGT 120	Entrepreneurship	3
MGT 130	Project Management	3

Arts/Humanities Elective

Any Transfer Module course from ART, COMM, LIT, MUS, PHI, REL, THE

Sustainable Agriculture Management Certificate (AGRC)

Semester 1		Credits
AGR 100	Introduction to Urban Agriculture	3
ACC 101	Financial Accounting	3
LH 120	SOIL SCIENCE AND PLANT NUTRITION	3
AGR 150	Fall Production	3
Semester 2		
AGR 105	Vegetable Crop Production	3
LH 110	HORTICULTURE SCIENCE	3
AGR 135	Fruit and Nut Production	3
AGR 155	Spring Production	3
Semester 3		
MGT 120	Entrepreneurship	3
AGR 140	Pest Management for Specialty Crops	3
MKT 140	Entrepreneurial Marketing	3
AGR 160	Summer Production	3
Total Credits:		36