

<b>Fiscal Unit/Academic Org</b>	Horticulture & Crop Science - D1127
<b>Administering College/Academic Group</b>	Food, Agric & Environ Science
<b>Co-administering College/Academic Group</b>	
<b>Semester Conversion Designation</b>	Converted with minimal changes to program goals and/or curricular requirements (e.g., sub-plan/specialization name changes, changes in electives and/or prerequisites, minimal changes in overall structure of program, minimal or no changes in program goals or content)
<b>Current Program/Plan Name</b>	Landscape Horticulture Minor
<b>Proposed Program/Plan Name</b>	Landscape Design and Management
<b>Program/Plan Code Abbreviation</b>	LNDHORT-MN
<b>Current Degree Title</b>	

## Credit Hour Explanation

Program credit hour requirements		A) Number of credit hours in current program (Quarter credit hours)	B) Calculated result for 2/3rds of current (Semester credit hours)	C) Number of credit hours required for proposed program (Semester credit hours)	D) Change in credit hours
Total minimum credit hours required for completion of program		25	16.7	13	3.7
Required credit hours offered by the unit	Minimum	25	16.7	13	3.7
	Maximum	25	16.7	15	1.7
Required credit hours offered outside of the unit	Minimum	0	0.0	0	0.0
	Maximum	0	0.0	0	0.0
Required prerequisite credit hours not included above	Minimum	0	0.0	0	0.0
	Maximum	0	0.0	0	0.0

## Program Learning Goals

Note: these are required for all undergraduate degree programs and majors now, and will be required for all graduate and professional degree programs in 2012. Nonetheless, all programs are encouraged to complete these now.

### **Program Learning Goals**

- Be able to identify and assess the environmental, genetic, and cultural factors that influence the choice and care of plants in the landscape.
- Be able to anticipate and respond to plant interactions with environmental factors to predict plant growth and development in a landscape over time.

## Assessment

Assessment plan includes student learning goals, how those goals are evaluated, and how the information collected is used to improve student learning. An assessment plan is required for undergraduate majors and degrees. Graduate and professional degree programs are encouraged to complete this now, but will not be required to do so until 2012.

**Is this a degree program (undergraduate, graduate, or professional) or major proposal?** No

## Program Specializations/Sub-Plans

If you do not specify a program specialization/sub-plan it will be assumed you are submitting this program for all program specializations/sub-plans.

**Pre-Major**

Does this Program have a Pre-Major? No

**Attachments**

- DepthHCSSupportLetter.jpg  
*(Letter from Program-offering Unit. Owner: McMahon, Margaret Jane)*
- LandhortMinor.pdf  
*(Quarter Advising Sheet(s). Owner: McMahon, Margaret Jane)*
- LandscapeDesign&MgmtMINOR.doc: Changed to clarify min & max elective hours  
*(List of Semester Courses. Owner: McMahon, Margaret Jane)*
- H&CSTransition Policy-Minors.docx  
*(Transition Policy. Owner: McMahon, Margaret Jane)*

**Comments**

- CCI Sciences Subcommittee: Unanimously approved w/ request for small change(s). Feedback will come in e-mail from Jim Fredal (chair CCI Sciences Subcommittee). *(by Vankeerbergen, Bernadette Chantal on 03/08/2011 01:49 PM)*
- We request to have the name of this minor changed to Landscape Design and Management. We also request the abbreviation for this minor changed to LNDDSMG. In all other aspects it is very similar to the former LNDHORT-MN.  
*(by McMahon, Margaret Jane on 12/07/2010 09:29 AM)*

**Workflow Information**

Status	User(s)	Date/Time	Step
Submitted	McMahon, Margaret Jane	10/06/2010 02:56 PM	Submitted for Approval
Approved	McMahon, Margaret Jane	10/06/2010 03:01 PM	Unit Approval
Revision Requested	Stokoe, Laurie Anne	11/29/2010 03:23 PM	College Approval
Submitted	McMahon, Margaret Jane	12/07/2010 09:29 AM	Submitted for Approval
Approved	McMahon, Margaret Jane	12/20/2010 10:46 AM	Unit Approval
Approved	Stokoe, Laurie Anne	01/14/2011 04:10 PM	College Approval
Revision Requested	Vankeerbergen, Bernadette Chantal	02/01/2011 10:59 AM	ASCCAO Approval
Submitted	McMahon, Margaret Jane	03/03/2011 09:01 AM	Submitted for Approval
Approved	McMahon, Margaret Jane	03/03/2011 12:41 PM	Unit Approval
Approved	Pfister, Jill Ann	03/03/2011 01:24 PM	College Approval
Revision Requested	Vankeerbergen, Bernadette Chantal	03/08/2011 01:50 PM	ASCCAO Approval
Submitted	McMahon, Margaret Jane	04/12/2011 02:06 PM	Submitted for Approval
Approved	Pfister, Jill Ann	05/05/2011 08:20 AM	Unit Approval
Approved	Pfister, Jill Ann	05/05/2011 08:21 AM	College Approval
Pending Approval	Nolen, Dawn Jenkins, Mary Ellen Bigler Meyers, Catherine Anne Vankeerbergen, Bernadette Chantal Hanlin, Deborah Kay	05/05/2011 08:21 AM	ASCCAO Approval

November 16, 2010

The Department of Horticulture and Crop Science is submitting and supports the following semester programs:

Phone (614) 292-2001  
Fax (614) 292-7162 Ext. (Kottman)  
Fax (614) 292-3505  
(Howlett)  
hcs.osu.edu

Revised major:

*Professional Golf Management*

New major (replaces the current Crop Science, Landscape Horticulture, and Turfgrass Science majors):

*Sustainable Plant Systems with 4 specializations: Agronomy, Horticulture, Landscape Design and Management, and Turfgrass Science.*

Revised graduate programs:

*Horticulture and Crop Science MS*

*Horticulture and Crop Science PH*

Revised minors:

*Agronomy (formerly Crop Science)*

*Horticulture*

*Landscape Design and Management (formerly Landscape Horticulture)*

*Turfgrass Science*

The programs are the result of an extensive review of our current curriculum that began in early 2009. The review included input from our industry stakeholders and partners, graduate and undergraduate students, all departmental faculty and staff, other OSU departments, as well as with faculty at benchmark programs at other institutions. The results of the collected data were discussed at a day-long faculty and staff retreat in December 2009.

As a result of that retreat and subsequent weekly meetings of faculty, staff, and students from January through early September 2010, the following has occurred. A set of learning outcomes were developed for both the graduate and undergraduate programs. Courses were created, revised, or dropped as the curriculum was developed to meet those goals at the appropriate level. Currently a plan is being developed to make sure that the outcomes, courses, and curriculum continue to provide the best education possible for our students.

The faculty voted unanimously to approve the undergraduate majors and minors (25 for, 0 against). The faculty vote for approval of the graduate programs will be taken at the December faculty meeting.

Respectfully,



William Randle

Professor and Chair

Department of Horticulture and Crop Science

(New abbreviations requested for: Landscape Design and Management Minor = LNDESMG-MN  
Agronomy Minor = AGRON-MN)

## LANDSCAPE DESIGN AND MANAGEMENT MINOR

College of Food, Agricultural,  
and Environmental Sciences  
The Ohio State University

Laura Burchfield, Coordinator  
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2001 Fyffe Ct.  
614-2478153  
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A Landscape Management and Design minor is useful for students who plan to seek employment in areas where knowledge of landscape plant identification and cultural requirements, landscape design principles, as well as a basic understanding of plant growth and development are required for decision making. Students taking this minor will gain insights into the environmental, genetic, and cultural factors that influence plant growth as well as the principles of landscape design including "right plant, right place". Such insights will enable the student to anticipate and respond to plant interactions with environmental factors and to predict plant growth development in a landscape over time.

A Landscape Management and Design minor consists of 13-15 hours selected as follows (at least 6 credits must be taken at the 3000 level or higher):

<u>Required: 3-4 hours</u>		<u>Credit hours</u>
HCS 2201	Ecology of Managed Plant Systems	4
OR		
HCS 2203	Human and Cultivated Plant Interactions	3
<u>Required: 3 hours</u>		
HCS 2234	Landscape Plants I	3

Electives: minimum of 6 and maximum of 8 if HCS 2201 is taken, minimum of 7 and maximum of 9 if HCS 2203 is taken

HCS 2401	Sustainable Landscape Design I	3
HCS 2410	Understanding Constructed Landscapes	3
HCS 3234	Landscape Plants II	4
HCS 3322	Sustainable Irrigation & Fertigation Practices	2
HCS 3380	Latino Workforce in Land-Based Industries	2
HCS 3334	Sustainable Landscape Maintenance Practices	3
HCS 3401.02	Environmental Horticulture Organizations	1-2
HCS 3438	Theme and Specialty Gardens	2
HCS 3439	Design of Specialty Gardens	1
HCS 4189	Professional Development	1-2
HCS 4401	Sustainable Landscape Design II	3
HCS 4410	Sustainable Landscape Management	3
HCS 4560	Creating a Virtual Perspective	3
HCS 5401	Sustainable Landscape Design III	3
HCS 5450	Vegetable Production	3
HCS 3797.XX (temp. #)	Study Abroad (England, Italy, Mexico)	3

### Restrictions and General Information

1. This minor is not available to students majoring in Sustainable Plant Systems, Crop Science, Horticulture, Landscape Horticulture or Turfgrass Science.
2. A minimum overall GPA for courses comprising the minor shall be 2.00
3. A minor should be declared at the time a student accumulates 60 hours.
4. A maximum of one course may overlap between the minor and the GE (Writing and Communication, Foreign Language, Literature, Visual and Performing Arts, Culture and Ideas, Historical Study, Quantitative Reasoning, Data Analysis, Natural Science, Social Science, Cross-Disciplinary Seminar, Service-Learning, Education Abroad).
5. Courses taken on a pass/non pass basis may not be applied to the minor

## LANDSCAPE HORTICULTURE MINOR (333)

College of Food, Agricultural,  
and Environmental Sciences  
The Ohio State University

Peg McMahon, Coordinating Adviser  
248B Howlett Hall  
2001 Fyffe Court  
292-8867  
[mcmahon.43@osu.edu](mailto:mcmahon.43@osu.edu)

The minor in Landscape Horticulture is designed for individuals who wish to develop an understanding about the production and utilization of landscape plants (trees, shrubs, vines, groundcovers, perennials, annuals) for enhancement of the designed environment (residences, commercial properties, streets, parks, etc). Persons interested in design, gardening, basic science, education, entrepreneurship, or other arts can construct a coherent program of study which will enhance both their educational and career goals.

The Landscape Horticulture minor consists of 25 hours selected as follows:

<b>Required: 15-16 credits</b>		<b>Credit Hours</b>
H&CS 200	Crop Science	5
H&CS 300	General Plant Biology	5
Plant Materials - Choose 1		
H&CS 234.01 and 234.02	Landscape Plants (3) and Landscape Plants Lab (2)	5
H&CS 431	Herbaceous Ornamental Plants	5
H&CS 435	Deciduous Shade Trees and Narrowleaf Evergreens	6
H&CS 436	Deciduous Flowering Trees & Shrubs, Vines & Broadleaf Evergreens	6

### **Required Electives: 9-10 hours selected from the following**

H&CS 204/LARCH 204	Design of Gardens and Small Properties	5
H&CS 320	Plant Propagation: Manipulation of Plant Reproduction	4
H&CS 401.02	Environmental Horticulture Organizations in Ohio	1-3
H&CS 430	Indoor Plants	3
H&CS 431	Herbaceous Ornamental Plants	5
H&CS 435	Deciduous Shade Trees and Narrowleaf Evergreens	6
H&CS 436	Deciduous Flowering Trees & Shrubs, Vines, & Broadleaf Evergreens	6
H&CS 438	Theme and Specialty Gardens	2
H&CS 488	Professional Development in Horticulture & Crop Science	1-3
H&CS 501	Landscape Plant Selection and Planning	5
H&CS 502	Landscape Management	5
H&CS 521	Greenhouse Environment Control	5
H&CS 533	Nursery Management	5
H&CS 560	Computers in Horticulture Management	4
H&CS 600	Quality, Ethics, and the Global Environment	5
H&CS 697	Study at a Foreign Institution	1-15

*Students declaring the minor are strongly encouraged to schedule an appointment with the coordinating adviser listed above to discuss their proposed program. For additional information, please contact the Student Services Office of the Department of Horticulture and Crop Science. Room 202 Kottman Hall. 292-3866*

### **Restrictions and General Information**

- 1. This minor is not available to students majoring in Landscape Horticulture or Horticulture.**
- 2. A minimum overall CPHR for courses comprising the minor shall be 2.0.**
- 3. A minor should be declared at the time a student accumulates 90 hours.**
- 4. A maximum of five credit hours may overlap between the minor and the GEC (foundations, natural sciences, arts and humanities and social sciences).**
- 5. Courses taken on a pass/non pass basis may not be applied to the minor.**

## Horticulture and Crop Science Transition Policy for Minors

The university Pledge to Undergraduate Students will be followed by the minor coordinators in Horticulture and Crop Science. Minor coordinators will encourage transition students in the minors to be proactive in getting help with scheduling courses in the minor before and after the conversion to make sure progress toward graduation is not impeded as long as the students follow a course of action that promotes progress.

Minor courses that are a one for one switch from quarter to semester versions should be relatively easy to incorporate into a student's program. For quarter courses that are dropped or significantly altered, or semester versions that will not be available before the student's projected graduation date, suitable semester alternatives will be substituted. The substitutions will be based on course content and meeting the knowledge and skill needs of the student's and time to graduation.

Minor coordinators will be kept up-to-date with advising policies, resources, and tips via the HCS Q2S Carmen website and other communication formats.

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