



**Department of Horticulture  
2009-2010 Catalog Year**

# HORTICULTURE, LANDSCAPE AND TURF SCIENCES

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**General Education Requirement (53-56 hours)**

**English/Communications (15 hours)**

- ENGL 1013 Composition\*
- ENGL 1023 Composition II\*
- ENGL 2003 Advanced Composition<sup>1</sup>
- COMM 1313 Fundamentals of Communication
- Communications intensive class, 3 hours (see advisor)

<sup>1</sup> students exempt from ENGL 2003 must select another communications course to meet this requirement.

**Math (3 hours)**

- MATH 1203 College Algebra (or higher)\*

**Sciences (17-20 hours)**

- BIOL 1543 Principles of Biology\* and
- BIOL 1541L Principles of Biology Lab\*
- BIOL 1613 Plant Biology\* and
- BIOL 1611L Plant Biology Lab\*
- CHEM 2613 Organic Physiological Chemistry and
- CHEM 2611L Organic Physiological Chemistry Lab

**AND**

**Choose either:**

- CHEM 1074 Fundamentals of Chemistry\* and
  - CHEM 1071L Fundamentals of Chemistry Lab\*
- OR**
- CHEM 1103 University Chemistry I\* and
  - CHEM 1101L University Chemistry I Lab\* and
  - CHEM 1123 University Chemistry II\* and
  - CHEM 1121L University Chemistry II Lab\*

**Fine Arts and Humanities (6 hours)**

Select from 2 of the following four categories

- ARTS 1003 Basic Arts: Art Studio\*
- ARCH 1003 Basic Arts: Architecture Lecture\*
- ARHS 1003 Basic Arts: Art Lecture\*
- COMM 1003 Basic Arts: Film Lecture\*
- DANC 1003 Basic Arts: Dance\*
- DRAM 1003 Basic Arts: Theater Lecture\*
- HUMN 1003 Intro. To the Arts & Aesthetics\*
- LARC 1003 Basic Arts: The American Landscape\*
- MLIT 1003 Basic Arts: Music Lecture\*

**OR**

- PHIL2003 Introduction to Philosophy\*
- PHIL 2103 Introduction to Ethics\*

- PHIL 2203 Logic\*
- PHIL 3103 Ethics and the Professions\*

**OR**

- CLST 1003 Introduction to Classical Studies\*
- CLST 1013 Introduction to Classical Studies Rome\*
- HUMN 2124H Honors 20<sup>th</sup> Century Global Culture\*
- HUMN 1124H Honors Equilibrium of Culture 500-1600\*
- WLIT 1113 World Literature\*
- WLIT 1123 World Literature II\*

**OR**

- FLAN 2003 Foreign Language\* (Spanish recommended)
- HUMN 2003 Introduction to Gender Studies\*

**US History and National Government (3 hours)**

- HIST 2003 History of the American People to 1877\*
- HIST 2013 History of the American People 1877-present \*
- PLSC 2003 American National Government\*

**Social Sciences (9 hours, 3 hours must be in AGEC or ECON)**

- AGEC 1103 Principles of Agri. Microeconomics\*
- AGEC 2103 Principles of Agri. Macroeconomics\*
- ANTH 1023 Introduction to Cultural Anthropology\*
- ECON 2013 Principles of Macroeconomics\*
- ECON 2023 Principles of Microeconomics\*
- ECON 2143 Basic Economics Theory and Practice\*
- GEOG 1123 Human Geography\*
- GEOG 2023 Economic Geography\*
- GEOG 2003 World Regional Geography\*
- HESC 1403 Life Span Development\*
- HESC 2413 Family Relations\*
- HIST 2003 History American People to 1877\*
- HIST 2013 History American People 1877 – Present\*
- PLSC 2003 American National Government\*
- PLSC 2013 Introduction to Comparative Politics\*
- PLSC 2203 State and Local Government\*
- PSYC 2003 General Psychology\*
- RSOC 2603 Rural Sociology\*
- SOCI 2013 General Sociology\*
- SOCI 2033 Social Problems\*
- WCIV 1003 Western Civilizations\*

2009-2010

**Horticulture Core Requirements (21-22 hours)**

- AFLS 1011 Freshman Orientation<sup>2</sup>
- CSES 2203/2201L Soil Science
- HORT 2003/2000L Principles of Horticulture
- HORT 3901 Horticultural Career Development
- HORT 4403/4400L Plant Propagation
- HORT 462(3) Horticulture Internship

AND

Choose 6-7 hours from the following area:

- CSES 2003/2000L Introduction to Weed Science
- PLPA 3004/3000L Principles of Plant Pathology
- ENTO 3013/3010L Introduction to Entomology

<sup>2</sup>Students transferring to HORT with 24 hours or more do not need to take AFLS1011.

**Horticulture Electives (18 hours)**

- HORT 2303/2300L Intro. to Turfgrass Management
- HORT 3103/3100L Woody Landscape Plants
- HORT 3113/3110L Herbaceous and Indoor Plants
- HORT 3133/3130L Advanced Woody Landscape Plants
- HORT 3303 Vegetable Crops
- HORT 3403/3400L Turfgrass Management
- HORT 4033 Prof. Landscape Install & Construct.
- HORT 4043 Professional Landscape Management
- HORT 4103/4100L Fruit Production Science
- HORT 4503/4500L Nursery Management
- HORT 4603 Practical Landscape Planning
- HORT 4703 Greenhouse Management
- HORT 4701L Greenhouse Management Lab
- HORT 4803 Floriculture
- HORT 4801L Floriculture Lab
- HORT 4903/4900L Golf and Sports Turf Management
- HORT 4913 Rootzone Mgmt. for Golf and Sports Turf

- HORT 4921 Golf Course Operations
- HORT 400 (v) Horticulture Special Problems
- HORT 401 (v) Horticulture Special Topics

**Discipline-related electives (12 hours)**

- AGME 3102 Small Power Units & Turf Equipment
- AGME 3101L Small Power Units & Turf Equip. Lab
- AGME 3153 Surveying in Agriculture and Forestry
- AGME 4973/4970L Irrigation
- LARC 3914 Planting Design I
- LARC 2113 Design Communications
- WCOB classes (9 hours)
- ANSC 3123 Principles of Genetics
- PHYS 1023/1021L Physics & Human Affairs w/lab (or higher)
- or any AGECE, BIOL, CHEM, CSES, ENSC, ENTO, HORT, PLPA class not taken above.

**General Electives**

Students should select 16-21 hours of general electives to total 124 hours

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Total: 124 hours

\*Course meets University core requirements.

For graduation, all students must complete the following:

- 124 hours with at least 39 hours of Junior or Senior level courses (3-4000 level),
- 9 hours in CAFLS outside of HORT, 30 hours within Bumpers College,
- minimum G.P.A. 2.0, maximum 25% D's,
- no more than 68 hours of Freshman and Sophomore transfer courses,
- the Rising Junior exam,
- ENGL 2003 (unless exempt) must be taken prior to the last semester.