

## PLANT SCIENCES MAJOR

### LANDSCAPE DESIGN AND CONSTRUCTION CONCENTRATION

Landscape designers create aesthetic concepts and practical designs for improved outdoor living. Students study fundamental and advanced landscape design, landscape design graphics, computer-aided landscape design, surveying, art, socio-economic impact of plants, field botany, professional practices, contracting, basic woody plant identification, landscape construction and maintenance methods. The development of comprehensive design projects helps students prepare for careers in landscape design or advanced studies in landscape architecture. Graduates in design and construction are prepared for employment in several professions in ornamental horticulture. Careful selection of departmental courses and other electives in consultation with the assigned academic advisor will allow graduates to pursue suitable career paths.

#### **Requirements for the Bachelor of Science in Plant Sciences • Plant Sciences Major • Landscape Design and Construction Concentration**

| <b>First Year</b>   | <b>Hours Credit</b> |
|---|---------------------|
| <sup>1</sup> Arts and Humanities Elective* . . . . .  | 3                   |
| Biology 111*, 112* . . . . .  | 8                   |
| Chemistry 100* or 120* . . . . .  | 4                   |
| Computer Science 100* . . . . .   | 3                   |
| English 101*, 102* . . . . .  | 6                   |
| Mathematics 113*, 123* or 151* . . . . .  | 3                   |
| <sup>1,2</sup> Social Sciences Elective* . . . . .  | 3-6                 |
| <b>Second Year</b>  |                     |
| Communication Studies 210* or 240* . . . . .  | 3                   |
| <sup>2</sup> Economics Elective* . . . . .  | 3-4                 |
| Environmental and Soil Sciences 210 . . . . .   | 4                   |
| Plant Sciences 210, 220, 280 . . . . .  | 9                   |
| Technical Electives . . . . .   | 9                   |
| Unrestricted Elective . . . . .   | 2-4                 |
| <b>Third Year</b>   |                     |
| <sup>1</sup> Cultures and Civilizations Elective* . . . . .   | 3                   |
| Plant Sciences 350, 380 . . . . .   | 6                   |
| Select from Plant Sciences 226, 230, 240, 330, 348, 360, or 370 . . . . .                               | 5-6                 |
| Plant Sciences 290 or 291 . . . . .   | 3                   |
| Technical Electives . . . . .   | 6                   |
| Unrestricted Electives . . . . .  | 3-8                 |
| <b>Third Year – Summer</b>  |                     |
| Plant Sciences 492 . . . . .  | 3                   |
| <b>Fourth Year</b>  |                     |
| <sup>1</sup> Arts and Humanities Elective* . . . . .  | 3                   |
| <sup>1</sup> Cultures and Civilizations Elective* . . . . .   | 3                   |
| Plant Sciences 421, 460, 480, 485 . . . . .   | 13                  |
| Select from Plant Sciences 348, 410, 427, 429, 430, 434, 437, 441, 446, 450, 469, 470, or 493 . . . . . | 5-6                 |
| Technical Electives . . . . .   | 4-5                 |
| <b>Total 124</b>  |                     |

\* Meets University General Education Requirement.

1 Choose from the University General Education lists. Selection should be made in conference with academic advisor.

2 Economics 201 satisfies the University General Education-Social Science requirement and the major requirement for economics. If the student transfers ECON LD for 3 credit hours, it will satisfy the major requirement for economics but will not satisfy the University General Education-Social Science requirement. In these cases, the student should take two courses from the Social Sciences list.

NOTE: Students must meet the University General Education Requirement for Communicating through Writing by selecting a course with a (WC) designation. This course may be in the major or from another discipline.