

**Iowa State University  
College of Agriculture  
Horticulture Eight Semester Plan  
Ornamental Plant Production and Garden Center and Management Option\*  
2011-12 Catalog**

**Semester 1**

|               |                             |          |
|---------------|-----------------------------|----------|
| Engl 150      | Freshman Composition 1      | 3        |
| Chem 163      | General Chemistry           | 4        |
| Chem 163L     | General Chemistry Lab       | 1        |
| Math 140, 150 | College-level Math          | 3        |
| Psych or Soc  | Psychology or Sociology     | 3        |
| Hort 121      | Home Horticulture           | 2        |
| Lib 160       | Library Instruction         | 0.5      |
| Hort 110      | Orientation to Horticulture | <u>1</u> |

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**Semester 3**

|                            |                               |          |
|----------------------------|-------------------------------|----------|
| Biol 212                   | Principles of Biology II      | 3        |
| Acct 284                   | Financial Accounting          | 3        |
| International Perspectives | International Perspectives    | 3        |
| Hort 240                   | Woody Landscape Plants        | 3        |
| Hort 332                   | Greenhouse Operation and Mgt. | <u>4</u> |

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**Semester 5**

|               |   |          |
|---------------|---|----------|
| Chem 231/231L | Organic Chemistry                             | 4        |
| Hort 422      | Postharvest Technology                        | 4        |
| Hort 342      | Landscape Plant Establishment and Maintenance | 3        |
| PI Hp 391     | Practical Plant Health                        | 2        |
| Hort 434      | Greenhouse Crop Production I                  | <u>4</u> |

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**Semester 7**

|                 |  |          |
|-----------------|--|----------|
| <u>Elective</u> | General Elective                           | 2        |
| Hort 321        | Horticulture Physiology                    | 3        |
| Hort 445        | Horticulture Management and Administration | 2        |
| Hort 442        | Nursery Crop Production                    | 2        |
| Option          | Option Elective                            | 3        |
| Hort 391        | Horticulture Mgmt. Experience              | 1        |
| Hort 330        | Herbaceous Ornamental Plants               | <u>3</u> |

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**Semester 2**

|           |                                    |          |
|-----------|------------------------------------|----------|
| Engl 250  | Freshman Composition II            | 3        |
| Biol 211  | Principles of Biology I            | 3        |
| Hort 221  | Principles of Horticulture         | 3        |
| Stat 104  | Introduction to Statistics         | 3        |
| Agron 155 | Soils for Horticultural Scientists | 3        |
| Biol 211L | Principles of Biology I Laboratory | <u>1</u> |

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**Semester 4**

|              |                                    |          |
|--------------|------------------------------------|----------|
| Humanity     | Humanity                           | 3        |
| Ent 376      | Fund. Of Entomology and Pest Mgmt. | 3        |
| Physics 115x | General Physics                    | 4        |
| Agron 260    | Greenhouse Operation and Mgt.      | 4        |
| Elective     | General Elective                   | <u>3</u> |

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**Semester 6**

|                       |                               |          |
|-----------------------|-------------------------------|----------|
| US Diversity          | US Diversity Elective         | 3        |
| Hort 322              | Plant Propagation             | 3        |
| Hort 435              | Greenhouse Crop Production II | 4        |
| SpCm 212 or AgEdS 311 | Speech Communication          | 3        |
| Ent 375               | Biological Control            | <u>3</u> |

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**Semester 8**

|                 |                              |          |
|-----------------|------------------------------|----------|
| <u>Elective</u> | General Elective             | 1        |
| Econ 101        | Principles of Microeconomics | 3        |
| Acct 285        | Managerial Accounting        | 3        |
| Engl 302, 314   | Business Communication       | 3        |
| Ethics          | Ethics Elective              | 3        |
| Elective        | General Elective             | <u>3</u> |

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