

# MAJOR IN ENVIRONMENTAL HORTICULTURE, NURSERY AND LANDSCAPE MANAGEMENT CONCENTRATION

## Major Completion Map

### Freshman

| Semester 1                            |                                                | Critical | Recommended | AUCC | Credits |
|---------------------------------------|------------------------------------------------|----------|-------------|------|---------|
| HORT 100                              | Horticultural Science                          |          |             | 3A   | 4       |
| HORT 192/<br>LAND 192                 | Orientation to Horticulture/Landscape Arch     |          |             |      | 1       |
| MATH 117                              | College Algebra in Context I (GT-MA1)          | X        |             | 1B   | 1       |
| MATH 118                              | College Algebra in Context II (GT-MA1)         | X        |             | 1B   | 1       |
| MATH 124                              | Logarithmic and Exponential Functions (GT-MA1) | X        |             | 1B   | 1       |
| Select one course from the following: |                                                |          |             |      | 3-4     |
| BUS 150                               | Business Computing Concepts and Applications   |          |             |      |         |
| CS 110                                | Personal Computing                             |          |             |      |         |
| Electives                             |                                                |          |             |      | 4       |

#### Total Credits

15

| Semester 2    |                                               | Critical | Recommended | AUCC | Credits |
|---------------|-----------------------------------------------|----------|-------------|------|---------|
| AREC 202      | Agricultural and Resource Economics (GT-SS1)  |          |             | 3C   | 3       |
| BZ 120        | Principles of Plant Biology (GT-SC1)          |          |             | 3A   | 4       |
| CHEM 107      | Fundamentals of Chemistry (GT-SC2)            |          |             | 3A   | 4       |
| CHEM 108      | Fundamentals of Chemistry Laboratory (GT-SC1) |          |             | 3A   | 1       |
| CO 150        | College Composition (GT-CO2)                  | X        |             | 1A   | 3       |
| Total Credits |                                               |          |             |      | 15      |

### Sophomore

| Semester 3                                                                                                                                                                                                                                                                   |                      | Critical | Recommended | AUCC | Credits |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------|----------|-------------|------|---------|
| BZ 223                                                                                                                                                                                                                                                                       | Plant Identification |          |             |      | 3       |
| HORT 221                                                                                                                                                                                                                                                                     | Landscape Plants     |          |             |      | 4       |
| SPCM 200                                                                                                                                                                                                                                                                     | Public Speaking      |          |             |      | 3       |
| Arts and Humanities ( <a href="http://catalog.colostate.edu/general-catalog/all-university-core-curriculum/aucc/#arts-humanities">http://catalog.colostate.edu/general-catalog/all-university-core-curriculum/aucc/#arts-humanities</a> )                                    |                      |          |             | 3B   | 3       |
| Diversity, Equity, and Inclusion ( <a href="http://catalog.colostate.edu/general-catalog/all-university-core-curriculum/aucc/#diversity-equity-inclusion">http://catalog.colostate.edu/general-catalog/all-university-core-curriculum/aucc/#diversity-equity-inclusion</a> ) |                      |          |             | 1C   | 3       |
| Total Credits                                                                                                                                                                                                                                                                |                      |          |             |      | 16      |

| Semester 4                                                                                                                                                                                                                                                    |                           | Critical | Recommended | AUCC | Credits |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------|----------|-------------|------|---------|
| HORT 260                                                                                                                                                                                                                                                      | Plant Propagation         |          |             |      | 4       |
| SOCR 240                                                                                                                                                                                                                                                      | Introductory Soil Science |          |             |      | 4       |
| Advanced Writing ( <a href="http://catalog.colostate.edu/general-catalog/all-university-core-curriculum/aucc/#advanced-writing">http://catalog.colostate.edu/general-catalog/all-university-core-curriculum/aucc/#advanced-writing</a> )                      |                           |          |             | 2    | 3       |
| Historical Perspectives ( <a href="http://catalog.colostate.edu/general-catalog/all-university-core-curriculum/aucc/#historical-perspectives">http://catalog.colostate.edu/general-catalog/all-university-core-curriculum/aucc/#historical-perspectives</a> ) |                           |          |             | 3D   | 3       |
| Total Credits                                                                                                                                                                                                                                                 |                           |          |             |      | 14      |

### Junior

| Semester 5 |                                | Critical | Recommended | AUCC | Credits |
|------------|--------------------------------|----------|-------------|------|---------|
| BSPM 302   | Applied and General Entomology |          |             |      | 2       |

|                                                                                                                                                                                                                                           |                                      |                 |                    |             |                |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------|-----------------|--------------------|-------------|----------------|
| BSPM 303B                                                                                                                                                                                                                                 | Entomology Laboratory: Horticultural |                 |                    |             | 1              |
| HORT 310                                                                                                                                                                                                                                  | Greenhouse Management                |                 | 4B                 |             | 4              |
| HORT 322                                                                                                                                                                                                                                  | Herbaceous Plants                    |                 |                    |             | 3              |
| HORT 341                                                                                                                                                                                                                                  | Turfgrass Management                 |                 |                    |             | 3              |
| Arts and Humanities ( <a href="http://catalog.colostate.edu/general-catalog/all-university-core-curriculum/aucc/#arts-humanities">http://catalog.colostate.edu/general-catalog/all-university-core-curriculum/aucc/#arts-humanities</a> ) |                                      |                 | 3B                 |             | 3              |
| <b>Total Credits</b>                                                                                                                                                                                                                      |                                      |                 |                    |             | <b>16</b>      |
| <b>Semester 6</b>                                                                                                                                                                                                                         |                                      | <b>Critical</b> | <b>Recommended</b> | <b>AUCC</b> | <b>Credits</b> |
| CHEM 245                                                                                                                                                                                                                                  | Fundamentals of Organic Chemistry    |                 |                    |             | 4              |
| HORT 321                                                                                                                                                                                                                                  | Nursery Production and Management    |                 |                    | 4A          | 4              |
| HORT 331                                                                                                                                                                                                                                  | Landscape Design                     |                 |                    |             | 2              |
| HORT 487                                                                                                                                                                                                                                  | Internship                           |                 |                    |             | 3              |
| Elective                                                                                                                                                                                                                                  |                                      |                 |                    |             | 1              |
| <b>Total Credits</b>                                                                                                                                                                                                                      |                                      |                 |                    |             | <b>14</b>      |
| <b>Senior</b>                                                                                                                                                                                                                             |                                      |                 |                    |             |                |
| <b>Semester 7</b>                                                                                                                                                                                                                         |                                      | <b>Critical</b> | <b>Recommended</b> | <b>AUCC</b> | <b>Credits</b> |
| AREC 328                                                                                                                                                                                                                                  | Small Agribusiness Management        | X               |                    |             | 3              |
| BSPM 308                                                                                                                                                                                                                                  | Ecology and Management of Weeds      | X               |                    |             | 3              |
| HORT 464A                                                                                                                                                                                                                                 | Arboriculture                        | X               |                    | 4C          | 3              |
| HORT 465                                                                                                                                                                                                                                  | Landscape Estimating                 | X               |                    |             | 3              |
| Elective                                                                                                                                                                                                                                  |                                      |                 |                    |             | 3              |
| <b>Total Credits</b>                                                                                                                                                                                                                      |                                      |                 |                    |             | <b>15</b>      |
| <b>Semester 8</b>                                                                                                                                                                                                                         |                                      | <b>Critical</b> | <b>Recommended</b> | <b>AUCC</b> | <b>Credits</b> |
| BSPM 361                                                                                                                                                                                                                                  | Elements of Plant Pathology          | X               |                    |             | 3              |
| BZ 440                                                                                                                                                                                                                                    | Plant Physiology                     | X               |                    |             | 3              |
| HORT 370                                                                                                                                                                                                                                  | Landscape Irrigation                 | X               |                    |             | 1              |
| SOCR 370                                                                                                                                                                                                                                  | Climate-Smart Irrigation Principles  | X               |                    |             | 2              |
| Electives                                                                                                                                                                                                                                 |                                      | X               |                    |             | 6              |
| The benchmark courses for the 8th semester are the remaining courses in the entire program of study.                                                                                                                                      |                                      | X               |                    |             |                |
| <b>Total Credits</b>                                                                                                                                                                                                                      |                                      |                 |                    |             | <b>15</b>      |
| <b>Program Total Credits:</b>                                                                                                                                                                                                             |                                      |                 |                    |             | <b>120</b>     |