

Department of Natural Resources
Bachelor of Science Degree in Agricultural and Environmental Systems
(URBAN & COMMUNITY HORTICULTURE MAJOR)
CURRICULUM GUIDE

REQUIRED MAJOR COURSES

| | | | |
|-----------------|----------|----------|-----------------|
| ABM 330 | HORT 330 | HORT 400 | MGMT 425 |
| ENVS 201 | HORT 334 | HORT 410 | NARS 492 |
| NARS 110 | HORT 350 | HORT 420 | <i>NARS 487</i> |
| HORT 210 | HORT 351 | HORT 422 | SLMG 200 |
| HORT 301 | | | |

A minimum grade of C must be obtained in all above requirements.

Freshman year

| <i>First semester</i> | <i>Credit</i> | <i>Second semester</i> | <i>Credit</i> | | |
|-----------------------|-----------------------------------|------------------------|-----------------|-----------------------------------|----|
| ENGL100 | Ideas and their Expression | 3 | ENGL 101 | Ideas and their Expression | 3 |
| MATH101 | Fundamentals of Algebra and Trigo | 3 | MATH 102 | Fundamentals of Algebra and Trigo | 3 |
| HIST 130 | The world since 1945 | 3 | <i>NARS 100</i> | <i>Orientation</i> | 1 |
| or HIST 207 | Or Modern World History | | | | |
| SPCH 102 | Lang Skills Comm professionals | 3 | CHEM 106 | General Chemistry VI | 3 |
| <i>FRST 101</i> | <i>University Experience</i> | 1 | CHEM 116 | General Chemistry VI Lab | 1 |
| NARS 110 | Intro to Urb. Comm. Horticulture | 3 | BIOL 101 | Concepts in Biology I | 4 |
| | | 16 | | | 15 |

Sophomore year

| <i>First semester</i> | <i>Credit</i> | <i>Second semester</i> | <i>Credit</i> | | |
|-----------------------|---|------------------------|------------------|---|----------|
| HFA/SBS Elective | Chose from General Education Req. in Humanities / Fine Arts / SBS | 3 | HFA/SBS Elective | Chose from General Education Req. in Humanities / Fine Arts / SBS | 3 |
| HIST 201, 202 or 203 | Chose from General Education Req. in SBS – AA | 3 | MATH 224 | Intro Probability and Statistics | 3 |
| CHEM 107 | General Chemistry VII | 3 | PHYS 110 | Survey of Physics | 2 |
| CHEM 117 | General Chemistry VII Lab | 1 | PHYS 111 | Survey of Physics Lab | 1 |
| ENVS 201 | The Earth's Environment | 3 | HORT 210 | The Science of Plants | 3 |
| SLMG 200 | Fund in Soil Science | 4 | | Elective | 3 |
| | | 17 | | | 15 |

Junior year

| <i>First semester</i> | <i>Credit</i> | <i>Second semester</i> | <i>Credit</i> | | |
|-----------------------|--|------------------------|-----------------|--------------------------------------|----|
| ENGL331 | Writing Science and Technology | 3 | ABM 330 | Intro to Agricultural economics | 3 |
| HORT 410 | Season Extension in Sustaina Prod. | 3 | | (Major) Elective | 3 |
| HORT 301 | Disease Management Strategies in Urban & Community Hort. | 3 | <i>HORT 330</i> | <i>Plant Nutrition</i> | 3 |
| HORT 350 | Factors affecting Urb. Comm. Hort. (Major) Elective | 3 | <i>HORT 334</i> | <i>Plant Propagation</i> | 3 |
| | | 3 | HORT 351 | Practice in Sustainable Horticulture | 2 |
| | | 15 | | | 14 |

Senior year

| <i>First semester</i> | <i>Credit</i> | <i>Second semester</i> | <i>Credit</i> | | |
|-----------------------|----------------------------------|------------------------|---------------|--------------------------------|----|
| <i>NARS 487</i> | <i>Capstone</i> | 3 | MGMT 425 | Entrepreneurship | 3 |
| HORT 422 | Integrated Pest Mngmt Systems | 3 | HORT 400 | Adv Tech for Hort Crop Improve | 3 |
| ABM337 | Intro to Local Food Systems | 3 | | Major Elective | 3 |
| HORT 420 | Vegetables for Small Scale Prod. | 3 | | Major Elective | 3 |
| NARS 492 | Undergraduate Seminar | 1 | | (Major) Elective | 3 |
| | | 13 | | | 15 |

Total Credit Hours = 120

Major Electives: HORT 402, HORT 403, HORT 327, HORT 412, *HORT 485*, FCS 357, LDAR 150, or advisor's approval.

Electives: ABM 434, BIOE 114, BIOE 216, FCS 245, FCS 398, FCS 423, FCS 455, LDAR204, LDAR205, NARS 250, NARS 418, SLMG 300, SLMG 350, or advisor's approval.