

Associate in Applied Science

Horticulture

THE PROGRAM

Through their selection of electives between the six different options for the degree, this program allows students to explore courses spanning all areas of horticulture, or to choose to earn a certificate in one specialized career area as part of the general degree. Requires 60 credit hours.

The Horticulture Program is part of the Agriculture, Food & Natural Resources Career Cluster: The production, processing, marketing, distribution, financing, and development of agricultural commodities and resources including food, fiber, wood products, natural resources, horticulture, and other plant and animal products/resources. For more information, visit www.careertech.org/career-clusters/.

CAREER OPPORTUNITIES

The general degree gives a student a well-rounded education in most of the specialized areas in Horticulture. Specialists have titles such as park naturalist, city forester, groundskeeper, retail or wholesale florist, landscape designer, turf specialist, golf course superintendent, greenhouse manager, horticultural journalist, and garden center manager.

FIRST YEAR

| Fall Semester | | | |
|-----------------|---|-----|--|
| COM 100 | Oral Communication OR | | |
| COM 108 | Communication in the Workforce | (3) | |
| HOR 101 | Intro to Horticulture Related Occupations | (1) | |
| HOR 103 | Horticulture Science | (3) | |
| HOR 122 | Trees/Arboriculture | (3) | |
| HOR 274 | U.S. Field Studies | (1) | |
| TMAT 100 | Technical Mathematics | (3) | |
| Spring Semester | | | |
| ENG 109 | Intro to Technical Report Writing OR | | |
| ENG 103 | Composition | (3) | |
| HOR 105 | Botany for Horticulture | (3) | |
| HOR 146 | Sustainable Perennials | (3) | |
| HOR 196 | Horticulture Internship | (4) | |
| | Humanities/Fine Arts/Social/Behavioral Science Elective | (3) | |

SECOND YEAR

| Fall Semester | | | |
|-----------------|--|-----|--|
| AGT 215 | Introduction to Soils and Fertilizers | (4) | |
| HOR 141 | Beginning Floral Arrangements | (3) | |
| HOR 166 | Landscape Design | (3) | |
| HOR 231 | Ornamental Shrubs ID and Culture OR | | |
| HOR 243 | Interior Plantscaping | (3) | |
| HOR 274 | U.S. Field Studies | (1) | |
| HOR | HOR Elective | (3) | |
| Spring Semester | | | |
| HOR 128 | Plant Propagation OR | | |
| HOR 235 | Floriculture Management | (3) | |
| HOR 279 | Bedding Plant Production & Sales | (4) | |
| HOR | HOR Elective | (3) | |
| HOR | HOR Elective | (3) | |

Degree/Certificate Options

Students may select elective courses from six listed **Options**:

OPTION I – For the AAS Degree, select any 9 credit hours from these HOR electives:

| | | |
|---------|----------------------------------|---------------|
| HOR 112 | Greenhouse Management | 3 |
| HOR 128 | Plant Propagation | 3 |
| HOR 142 | Advanced Floral Arrangements | 3 |
| HOR 158 | Special Events | 3 |
| HOR 168 | Sustainable Prairie Management | 3 |
| HOR 196 | Horticulture Internship | Variable 1-4 |
| HOR 201 | Horticulture Seminar | Variable .5-3 |
| HOR 220 | Cannabis Biology & Production | 4 |
| HOR 231 | Ornamental Shrubs ID and Culture | 3 |
| HOR 235 | Floriculture Management | 3 |
| HOR 243 | Interior Plantscaping | 3 |
| HOR 249 | Wedding & Sympathy Design | 3 |
| HOR 251 | Landscape Construction | 3 |
| HOR 256 | Turf and Lawn Management | 3 |
| HOR 266 | Advanced Landscape Design | 3 |
| HOR 269 | Field Studies Floral Symposium | 1 |
| HOR 273 | NCLC Field Studies | 1 |
| HOR 290 | International Field Studies | 3 |
| AGT 210 | Intro to Crop Science | 4 |

OPTION II – For the AAS Degree and HOR 227 Floral Horticulture Certificate, select the following courses:
 HOR 142, HOR 158, HOR 235, HOR 243, HOR 249

OPTION III – For the AAS Degree and HOR 238 Landscape Design/ Construction Certificate, select the following courses:
 HOR 231, HOR 251, HOR 266

OPTION IV – For the AAS Degree and HOR 241 Greenhouse/ Garden Center Certificate, select the following course:
 HOR 112

OPTION V – For the AAS Degree and HOR 290 Foundations in Horticulture Certificate, select the following courses:
 HOR 128, HOR 168, HOR 256

OPTION VI – For the AAS Degree and HOR 420 Cannabis & Hemp Cultivation Certificate, select the following courses:
 HOR 112, HOR 220, AGT 210; (HOR 128 is recommended)

Additional Sources of Information:

DEPARTMENT

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STUDENT SERVICES

Advising
 815-825-9375