Horticulture (HORT)

Faculty
Craig R. Andersen, Extension Associate Professor
John R. Clark, University Professor
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James A. Robbins, Extension Professor
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Degree Conferred:
M.S. (HORT)
Ph.D. (PTSC) (See Plant Science)

The Department of Horticulture offers a thesis and non-thesis option for the M.S. degree. The non-thesis program was developed for continued and advanced education in horticulture management. The program is directed toward students entering careers in horticulture upon completion of the degree, or students requiring additional education for advancement in their careers.

Primary Areas of Faculty Research: Genetics and plant breeding of fruit, vegetable, or ornamental crops; physiology, management and production of fruit, vegetable, greenhouse, or ornamental crops and landscape plantings; physiology and management of turfgrasses; and biotechnology.

Prerequisites to Master of Science Degree Program (Thesis Option):
A candidate must have a B.S. degree from an accredited institution with a background in physical and biological sciences, horticulture, and supporting agricultural disciplines. The student will work with a major adviser, who will arrange a committee to evaluate the student’s background and plan a program of study with the student.

Requirements for the Master of Science Degree (Thesis Option):
A minimum of 24 semester hours of graduate level course work and 6 hours of thesis are required, in addition to any deficiency courses that may be specified. The student’s advisory committee will also serve as the thesis and oral examination committee.

Prerequisites to Master of Science Degree Program (Non-thesis Option):
Students seeking to pursue the non-thesis option must meet all admission criteria for the UA Graduate School. Applicants should have completed a B.S. or B.A. degree and have had course work in plant sciences, biology, botany, horticulture, or three years of experience in a plant science related career. Additionally, students seeking admission into the M.S. non-thesis option must submit three letters of reference regarding academic and professional experiences and potential. No professional examinations are required for admission.

Ph.D. program in plant science is an interdepartmental program involving the Departments of Horticulture and Plant Pathology. The dissertation and most of the course work may be completed in horticulture. See graduate courses in Plant Science (http://catalog.uark.edu/archives/2013-14/graduatecatalog/programsofstudy/plantscienceptsc).