



## HORTICULTURE

### Davis College of Agriculture, Forestry, and Consumer Sciences

Students in the Davis College are offered fields of study that complement a wide variety of careers. Programs are constantly being updated to reflect industry trends, and student initiative is strongly encouraged. Advising is conducted by faculty members, promoting mentorship. Many current students and alumni comment on the small-school feel of the Davis College, citing the individual attention from faculty, substantial extracurricular opportunities, and hands-on learning that enhance our academic experience.

The Davis College has 22 undergraduate major fields of study and a growing number of minors in the academic divisions of animal and nutritional sciences, design and merchandising, forestry and natural resources, plant and soil sciences, and resource management. Our programs allow for considerable flexibility, as several offer individual academic tracks depending on student interests and goals.

Instructional facilities and unique settings offer varied learning opportunities for students. The majority of classrooms, laboratories, design studios and offices are located on WVU's Evansdale Campus. The College also maintains eight farms, a campus greenhouse, and more than 8,000 acres of forest land for teaching and research. Hands-on experiences, service learning, undergraduate research and study abroad are strongly encouraged for students in every program.

Horticulture is the science of the production, processing, and marketing of fruit, vegetable, greenhouse, and landscape crops. Students in the Horticulture Program at West Virginia University study the physiology, culture, harvest, quality control, sales, and utilization of horticultural crops. The nature of horticulture has changed as areas become more urban, and the program focuses on landscape management and production of nursery and greenhouse plants, which help meet the aesthetic needs in growing urban environments.

#### **Program Admission and Curriculum**

Students who meet University admission requirements may be accepted directly into the Davis College as Horticulture majors. To earn a bachelor's degree, all students must complete 128 credit hours, including the General Education Curriculum required by the University.

Core courses within the major include, but are not limited to: plant propagation, garden center management, greenhouse management, and soil fertility.

Students who choose landscape management as their area of emphasis must take three required courses—woody plant materials, introduction to landscape architecture and landscape management—along with six hours of restricted electives in agronomy, biology, entomology, agricultural and resource economics, and agriculture and extension education.

The production emphasis requires students to take courses in the handling and storage of horticulture crops, principles of weed control, and special topics, as well as six hours of restricted electives in agronomy, biology, entomology, plant and soil science, and agriculture and extension education. Complete course listings and descriptions can be found in the current *WVU Undergraduate Catalog*.

#### **Employment Opportunities**

The demand for horticulture graduates is steadily increasing. The average salary range for graduates with a bachelor's degree in horticulture is \$30,000 to \$35,000. Graduates find employment as orchard, vegetable farm or greenhouse managers, landscape contractors, golf course and park horticulturists, seed and supply company representatives, state and federal nursery inspectors, and educators in schools and extension offices.



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### Majors in the Davis College of Agriculture, Forestry, and Consumer Sciences

Agribusiness Management & Rural Development:	B
Agricultural & Extension Education:	B, M
Agricultural & Resource Economics:	M
Agriculture, Forestry, & Consumer Sciences:	M
Agroecology:	B
Agronomy:	B, M
Animal & Food Science:	D
Animal & Nutritional Sciences:	B, M
Applied & Environmental Microbiology:	B
Biochemistry:	B
Design Studies:	B
Entomology:	M
Environmental & Natural Resource Economics:	B
Environmental Microbiology:	M
Environmental Protection:	B
Family & Consumer Sciences:	M
Fashion Design & Merchandising:	B
Forest Resources Management:	B
Forest Resources Science:	D
Forestry:	M
Genetics & Developmental Biology:	M, D
Horticulture:	B, M
Human and Community Development:	D
Human Nutrition & Foods:	B
Interior Design:	B
Landscape Architecture:	B
Multidisciplinary Studies:	B
Natural Resource Economics:	D
Plant & Soil Sciences:	D
Plant Pathology:	M
Recreation, Parks, & Tourism Resources:	B, M
Reproductive Physiology:	M, D
Resource Management:	D
Soil Science:	B
Wildlife & Fisheries Resources:	B, M
Wood Science & Technology:	B

B = Bachelor's; M = Master's; D = Doctorate

For more information, visit  
[www.davis.wvu.edu](http://www.davis.wvu.edu)

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