



WOOD SCIENCE AND TECHNOLOGY

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.

Wood is the nation's most important renewable resource for construction, furniture, paper, packaging, and many other products used for sustaining a rapidly growing population. At the same time, protection of the environment requires proper use of natural resources. This responsibility requires development of innovative approaches to obtaining, manufacturing, using, and recycling wood products.

Program Admission and Curriculum

Students who meet University admission requirements may be accepted directly into the Davis College as Wood Science and Technology majors. Students in the program choose one of two areas of emphasis: *wood processing* or *forest utilization*. To earn a bachelor's degree, all students must complete 128 credit hours, including the General Education Curriculum required by the University.

The *wood processing* emphasis prepares graduates for careers in the production of wood products, including primary products, architectural woodwork, furniture and cabinets, and composite materials. The *forest utilization* emphasis prepares graduates for careers in timber management and sales administration, forest engineering, primary processing of wood products, and timber procurement.

Core courses within the major include, but are not limited to, wood mechanics, timber harvesting, wood-based composite materials, and primary conversion and grading. Wood processing students also study wood machining, forest products protection, wood adhesion and finishing, and plant layout for wood industries. Forest utilization students also study land surveying, forest hydrology, forest ecology, forest management, and silvicultural systems. Complete course requirements and descriptions can be found in the current *WVU Undergraduate Catalog*.

Employment Opportunities

Employment opportunities for Wood Science and Technology graduates are excellent. Nationwide, it is estimated that there are more than two job openings for every graduate. Approximately half of our graduates find employment in West Virginia, but jobs are available in every state, internationally, and in both rural and urban settings. Entry-level salaries may range from \$30,000 to \$50,000. Jobs include quality assurance supervisor, technical director, procurement forester, estimator, sales representative, and production manager.



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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

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