

## General Education Curriculum

<b>Objective</b>	<b>Course Requirements (Required*)</b>	<b>Hrs.</b>
Communication	ENGL 101*, ENGL 102* .....	6
Basic Math & Science	CS 101*, MATH 126*, Lab Science* (4 hr.), Science* (3 hr.) .....	14
The Past & Its Traditions	ART (101 or 105 or 106), .....	3
Contemporary Society	ECON 201 .....	3
Artistic Expression	HUM 101 or 102 .....	3
The Individual in Society	UNIV 101* or equivalent, PSYC 101 .....	4
American Culture	SOCA 101 .....	3
Western Culture	ECON 202, FRCH, HUM 101 or 102, ITAL, .....	3
	SPAN, SOCA 105	
Non-western	COMM 316, FRCH, HIST, SOCA, SPAN, JRL 101 ....	3
<b>Total</b>	<b>Minimum number of credits for TA&amp;M .....</b>	<b>42</b>

## Division of Forestry

Joseph F. McNeel, Ph.D., Director

John R. Brooks, Forest Resources Management Coordinator

Steve Selin, Recreation, Parks, and Tourism Resources Coordinator

Kyle Hartman, Wildlife and Fisheries Coordinator

James P. Armstrong, Wood Science Coordinator

## Programs of Study

If you are interested in natural resources and the out-of-doors, you may be interested in one of the four curricula offered by the Division of Forestry and Natural Resources. Those include forest resources management; recreation, parks, and tourism resources; wildlife and fisheries resources; and wood science and technology. If you are unsure about your major, you can be admitted to the pre-agriculture, forestry, and consumer sciences curriculum with a faculty member to advise you until a program major has been selected. If you have chosen a program major, you will be admitted directly to the major and be assigned a faculty advisor at your first registration.

The division, which has excellent facilities, is located in Percival Hall on the Evansdale campus in close proximity to the Evansdale Library and the Evansdale Residential Complex. In addition, 10,400 acres of forested tracts, including the 7,600-acre University Research Forest, are located near the campus and are used as extensive outdoor laboratories. The MeadWestvaco Natural Resource Center is the focal point of the division's teaching, research, and service activities at the Research Forest.

## Transfer Credits for Professional Courses

If you are a transfer student entering the Division of Forestry and Natural Resources from a one- or two-year technical school or from a four-year unaccredited forestry school, you must take an advanced standing examination to demonstrate proficiency in any required professional course offered by the Division of Forestry and Natural Resources for which transfer credit is sought. This rule also applies to courses in land surveying. Advanced standing examinations are given after you have enrolled in the Division of Forestry and Natural Resources. All other credits are accepted subject to the regulations of the Office of Admissions and Records regarding transfer of credits. Currently official articulation agreements are being developed for two-year natural resource students transferring from recognized programs at Allegany College, Maryland; Dabney Lancaster, Virginia; Glenville State College, West Virginia and Hocking Technical College, and Ohio, into the Division of Forestry and Natural Resources programs.

## **Accreditation of Forestry Programs**

The recreation, parks, and tourism resources program is accredited by the National Recreation and Park Association as a professional preparation program.

Forest resources management is accredited by the Society of American Foresters (SAF). SAF is the specialized accrediting body recognized by the Council on Post-Secondary Accreditation and the U. S. Department of Education as the accrediting agency for forestry in the United States.

The wood science and technology curriculum is accredited by the Society of Wood Science and Technology. It is one of only ten North American programs so accredited.

## **Summer Field Studies offered by the Division of Forestry and Natural Resources**

The division offers a wide range of summer field study opportunities and international travel experiences for WVU students and division majors to gain valuable practical experience and apply what they've learned in the classroom. Every summer, a wide selection of field courses is offered through the off-campus Summer Programs office. These have included courses as varied as the *Vegetation of WV to Stream Ecology* to international expeditions to Fiji and Costa Rica. For more information, see [www.forestry.caf.wvu.edu](http://www.forestry.caf.wvu.edu) for details.

The six-hour *Forest Resources Management Field Practice* (FMAN 400) course consists of a summer session and is designed for students who have completed the sophomore year of the forest resources management curriculum. Students live in Morgantown and travel daily to the University Research Forest for field studies. The course provides training in forest surveying, forest mensuration, GIS/GPS, forest management, and silviculture. Occasional trips are made to wood-using industries and to other forests to study the management of northern hardwood and spruce types.

Students in the wood science and technology program are required to complete a three-hour internship, WDSC 491 *Professional Field Practice*, in the summer between the junior and senior year. Students obtain employment in a planned, paid work experience lasting at least ten weeks with a wood products company or government agency and are required to prepare progress reports and a final report for their academic advisor. The RPTR 491 *Internship* is required of students who have completed the junior year of the recreation resources management curriculum. Eight weeks of full-time supervised professional field work is required of students who have completed the junior year of the recreation curriculum. The summer experiences acquaint students with management of park, recreation, and tourism enterprises.

## **Forest Resources Management Bachelor of Science in Forestry**

This curriculum is designed to prepare graduates for a career in management of forests and associated resources. In forestry, we face growing demands for wood products along with increasing public consciousness of the value of wild lands for recreation, wildlife habitat, watershed protection, aesthetics, and environmental protection. Our curriculum is designed to provide a balanced approach to forest management. The major emphasis is on management and utilization of timber resources, but we also orient students to management of forests for recreation, wildlife, and water. We also stress the importance of forest ecology, environmental protection, and aesthetic qualities in forest management.

### **Curriculum Structure**

We require the completion of 128 credit hours of coursework. Required courses include biological, physical, and social sciences, English composition, communication, mathematics, forest science and management, and liberal studies. We require a six-week summer field practice; this period, along with laboratories in several of our courses, provides ample opportunity to gain field experience. Overall, we have designed the curriculum to provide the needed blend of scientific, technical, and managerial knowledge professionals need to manage public or private forest resources. Elective hours are used to develop additional professional competence in specialized areas.