

The Department of Wood Science and Forest Products administers graduate programs leading to the M.S., M.F., and Ph.D. degrees. Students study the conversion and utilization of wood and other forest products. Through professional electives, advanced skills may be developed in the following areas of study:

- *Wood Chemistry/Biochemistry*
- *Wood Physics/Mechanics*
- *Wood Engineering*
- *Wood-Based Composites*
- *Wood Adhesion*
- *Wood Processing/Automation*
- *International Programs*
- *Pallet and Container Design*
- *Forest Products Marketing and Management*



- ▶ For additional information on the above programs, contact Paul Winistorfer, Head, Department of Wood Science and Forest Products, (540) 231-8853; vtwood@vt.edu.

The Northern Virginia Program offers graduate courses leading to a Certificate of Graduate Studies in Natural Resources and the Master of Natural Resources (M.N.R.) degree. Mid-career professionals may take courses presented at several locations in the National Capital Region, as well as online through the Natural Resources Distance Learning Consortium.

- ▶ For additional information on the above programs, contact David Trauger, Program Director for Natural Resources Programs, (703) 706-8130; dtrauger@vt.edu.

HOW DO I APPLY?

You can apply to Virginia Tech's Graduate School online. Log on to www.grads.vt.edu/homeapply.html for instructions.

For a list of faculty and their research interests, as well as eligibility and degree requirements, check our website at www.cnr.vt.edu or contact:

Dr. Robert J. Bush

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**The College of
Natural Resources. . . We Care About
the Environment, Conservation,
and Sustainability.**



Virginia Tech

Graduate Study
in the

College
of
Natural Resources

*Where graduate programs
can open the door to a
successful, rewarding career.*

WHY CHOOSE THE COLLEGE OF NATURAL RESOURCES?

Selecting the right graduate program opens the door to a successful, rewarding career. The College of Natural Resources (CNR) at Virginia Tech opens many doors with its Master of Science (M.S.), Master of Forestry (M.F.), Doctor of Philosophy (Ph.D.), and Master of Natural Resources (M.N.R.) degrees. In addition, an interdisciplinary Geospatial and Environmental Analysis doctoral program is under development.

Our departments are considered among the top programs in their fields. Our graduates find jobs in small and large companies, public agencies, universities, and private consulting firms. Others start their own businesses.

With an enrollment of about 150 graduate students, and a faculty of more than 70, the College of Natural Resources offers a personalized setting, along with the numerous opportunities afforded by a large research university.

WHAT CAN I STUDY?

Students may select a program of study in any one of a variety of fields relevant to natural resources.

The Department of Fisheries and Wildlife Sciences offers both M.S. and Ph.D. degrees in Fisheries Science and Wildlife Science.

Fisheries Science emphasizes the ecology and management of aquatic animals and ecosystems, including wild fish and shellfish, endangered and threatened species, and aquaculture.



Wildlife Science emphasizes research and management of terrestrial animals and ecosystems, including nongame and game animals, and threatened and endangered species.



- For additional information on the above programs, contact Donald Orth, Head, Department of Fisheries and Wildlife Sciences, (540) 231-5573; dorth@vt.edu.

The Department of Forestry administers graduate programs leading to the M.S., M.F., and Ph.D. degrees. Within the various areas of study, special emphasis can be placed on the human dimensions of natural resource management.



Forest Biology focuses on the following areas of specialization: silviculture, forest ecology, forest hydrology, forest soils, physiology, restoration ecology, urban forestry, and wetlands ecology.

Forest Biometrics applies knowledge from several fields to measure and analyze forest resources. Graduate study involves research in the areas of forest growth and yield, forest inventory, Geographical Information Systems, and remote sensing.

Forest Management, Economics, and Policy graduates are equipped to specialize in international forestry, forest investment analysis, forest taxation and regulation, and forest policy formulation.

Industrial Forestry Operations graduates are well prepared for careers in private industry, emphasizing harvesting and reforestation operations along with protection of soil and water quality.

Natural Resource Recreation graduates manage natural systems to provide the recreation experiences these settings generate. Emphasis is on the human dimensions of natural resource management.

- For more information on the above programs, contact Harold Burkhart, Head, Department of Forestry, (540) 231-5483; forestry@vt.edu.

The Department of Geography offers an M.S. (thesis or non-thesis) degree. The department has particular strengths in GIS, remote sensing, biogeography, international development, urbanization, environmental problems in developing countries, health and medicine, and agriculture. For students interested in international issues, we encourage fieldwork in Latin America and the Caribbean.

- For further information, contact Lawrence Grossman, Head, Department of Geography, (540) 231-5116; geog@vt.edu.

