School of Natural Resources

Robert C. Burns, Division Director of Forestry and Natural Resources
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Programs of Study
The School of Natural Resources is home to programs in Agribusiness Management; Energy Land Management; Environmental and Energy Resources Management; Environmental and Natural Resources Economics; Forest Resources Management; Recreation, Parks, and Tourism Resources; Wildlife and Fisheries Resources; and Wood Science and Technology. As a student in this school you may pursue a degree that enables you to begin a career in agribusiness management; arboriculture and urban forestry; conservation ecology; environmental and resource economics; fisheries biology; forest management; forest products industry; land management; natural resources (including energy) management; outdoor recreation, and wildlife biology. Students are also well-prepared for graduate study in these or allied fields.

Courses that you will take in the School depend on a student’s particular program. A primary mission of the School of Natural Resources is to further the understanding, stewardship, and sustainable use of renewable natural resources by educating students to become knowledgeable professionals and citizens, advancing and communicating research knowledge, and providing technical information and professional service to society. Students completing a Bachelor of Science degree in the School of Natural Resources fulfill broad general education foundation requirements, Bachelor of Science degree requirements, and a study of at least one discipline in depth. The School of Natural Resources strives to spark a passion in our students for the principles of stewardship and sustainability of our renewable natural resources by:

- offering students the education to assume leadership roles
- advancing research knowledge
- providing technical information and professional service to society

Accreditation
The B.S.F. in Forest Resources Management and B.S. in Recreation, Parks, and Tourism Resources are accredited by the Society of American Foresters. The Wildlife and Fisheries Resources curriculum requires the coursework needed for professional certification by The American Fisheries Society (Fisheries emphasis) or The Wildlife Society (Wildlife emphasis) under 2014 guidelines. The Wood Science and Technology program is accredited by the Society of Wood Science and Technology. The Energy Land Management program is one of twelve programs in North America accredited by the American Association of Professional Landmen.

FACULTY
DIVISION DIRECTORS
- Robert C. Burns (Director, Division of Forestry and Natural Resources) - Ph.D. (The Pennsylvania State University)
- Alan R. Collins (Director, Division of Resource Economics and Management) - Ph.D. (Oregon State University)

PROFESSORS
- James T. Anderson - Ph.D. (Texas Tech University)
  Wildlife ecology and management
- Robert C. Burns - Ph.D. (The Pennsylvania State University)
  Understanding recreational behavior, motivations, and satisfaction levels
- Alan R. Collins - Ph.D. (Oregon State University)
  Resource economics
- Ben Dawson-Andoh - Ph.D. (University of British Columbia)
  Wood microbiology and chemistry
- John W. Edwards - Ph.D. (Clemson University)
  Wildlife ecology and management
- Kyle J. Hartman - Ph.D. (University of Maryland)
  Aquatic ecology, Fish management
- David W. McGill - Ph.D. (The Pennsylvania State University)
  Woodland owner outreach, forest regeneration
- Joseph F. McNeel - Ph.D. (Virginia Tech)
  Forest harvest and operations
• J. Todd Petty - Ph.D. (University of Georgia)
  Stream and river ecology, watershed assessment and restoration
• Chad Pierskala - Ph.D. (University of Minnesota)
  Public resource land management and agricultural tourism
• Peter V. Schaeffer - Ph.D. (University of Southern California)
  Regional science, Applied microeconomics
• Steven Selin - Ph.D. (University of Oregon)
  Human dimensions and Natural resources management
• Michael P. Strager - Ph.D. (West Virginia University)
  Spatial analysis, Decision support
• Jingxin Wang - Ph.D. (University of Georgia)
  Biomass logistics, utilization and bioenergy, forest BMPs

ASSOCIATE PROFESSORS
• Cheryl Brown - Ph.D. (University of California, Berkeley)
  Agricultural and food policy and economics, Agribusiness
• Gregory A. Dahle - Ph.D. (Rutgers University)
  Arboriculture and urban forestry
• Jinyang Deng - Ph.D. (University of Alberta)
  Ecotourism
• Levan Elbakidze - Ph.D. (Texas A&M University)
  Shale gas; water and energy economics
• Xiaoli Etienne - Ph.D. (University of Illinois)
  Econometric methods in agriculture and energy
• Kathryn Arano Gazal - Ph.D. (Mississippi State University)
  Forest economics and policy
• Jamie Shuler - Ph.D. (North Carolina State University)
  Forest regeneration and restoration
• Kaushlendra Singh - Ph.D. (University of Georgia)
  Thermo-chemical conversion and bioenergy
• Doolarie Singh-Knights - Ph.D. (West Virginia University)
  Agribusiness and entrepreneurship; Extension
• Dave Smaldone - Ph.D. (University of Idaho)
  Environmental and Cultural Interpretation, Nature-based tourism
• Mark Sperow - Ph.D. (Colorado State University)
  Production and resource economics
• Ben D. Spong - Ph.D. (Oregon State University)
  Forest operations, roads, and harvesting
• Amy Welsh - Ph.D. (University of California-Davis)
  Conservation genetics and wildlife forensics
• Nicholas P. Zegre - Ph.D. (Oregon State University)
  Watershed and forest hydrology

ASSISTANT PROFESSORS
• Donald Brown - Ph.D. (Texas State University)
  Herpetology, wildlife ecology
• Elizabeth Byrd - Ph.D. (Purdue University)
  Energy, Law, Agribusiness
• Sophan Chhin - Ph.D. (University of Alberta)
  Quantitative forest management
• Shawn Grushecky - Ph.D. (West Virginia University)
  Energy land management
• Christopher Lituma - Ph.D. (University of Tennessee)
  Ornithology and bird ecology
• Suhyun Jung - Ph.D. (University of Minnesota)
  Environmental and natural resource economics
• Gloria Oporto - Ph.D. (University of Maine)
Biomaterials
• Christopher Rota - Ph.D. (University of Missouri)
  Applied vertebrate ecology
• Ana Claudia Sant’Anna - Ph.D. (Kansas State University)
  Agribusiness and finance
• Heather Stephens - Ph.D. (Ohio State University)
  Resource, energy and regional economics

VISITING ASSISTANT PROFESSORS
• Charlene Kelly - Ph.D. (Virginia Tech)
  Watershed biogeochemistry
• Kirsten Stephan - Ph.D. (University of Idaho)
  Soil and vegetation management

ADJUNCT PROFESSORS
• Patricia M. Mazik - Ph.D. (Memphis State University)
  Aquatic toxicology, fish physiology
• Sheldon Owen - Ph.D. (West Virginia University)
  Extension wildlife specialist
• Stuart A. Welsh - Ph.D. (West Virginia University)
  Ichthyology
• Petra B. Wood - Ph.D. (University of Florida)
  Avian ecology