Division of Resource Management

Programs of Study

The Division of Resource Management offers curricula in agricultural and extension education, landscape architecture, and agricultural and resource economics. The curriculum in agricultural and resource economics allows emphasis in environmental and resource economics, or agribusiness management and rural development. Students are prepared to pursue graduate studies or work in agriculture, business, industry, government, finance, and related areas. The curriculum in agricultural and extension education prepares students to teach agriculture in secondary schools, enter the extension service, or accept professional employment in government, industry, or entrepreneurship. The landscape architecture curriculum prepares students for professional careers with private firms and government agencies.

FACULTY

DIRECTOR
• Kerry Odell - Ph.D. (Ohio State University)
  Interim Director

ASSISTANT DIRECTOR
• Alan R. Collins - Ph.D. (Oregon State University)
  Resource economics

PROGRAM CHAIRS
• Harry N. Boone, Jr. - Ph.D. (Ohio State University)
  Agricultural and Extension Education
• Gerard E. D’Souza - Ph.D. (Mississippi State University)
  Agricultural and Resource Economics
• Charles Yuill - M.L.A. (University of Massachusetts)
  Landscape Architecture

PROFESSORS
• Harry N. Boone, Jr. - Ph.D. (Ohio State University)
  Computing technology, Teaching methods, Social science research
• Alan R. Collins - Ph.D. (Oregon State University)
  Resource economics
• Michael J. Dougherty - Ph.D. (Virginia Technical)
  Environmental design and planning
• Gerard E. D’Souza - Ph.D. (Mississippi State University)
  Production economics, Finance
• Jerald J. Fletcher - Ph.D. (University of California, Davis)
  Energy, environmental and resource economics
• Stacy A. Gartin - Ph.D. (Ohio State University)
  Communications, Program planning, Leadership development, Teaching methods
• Tesfa Gebremedhin - Ph.D. (Oklahoma State University)
  Farm management, Agribusiness
• Tim T. Phipps - Ph.D. (University of California, Davis)
  Resource economics, Agricultural policy
• Peter V. Schaeffer - Ph.D. (University of Southern California)
  Regional science, Applied microeconomics
• Dennis K. Smith - Ph.D. (Pennsylvania State University)
  Rural development, Agribusiness management

ASSOCIATE PROFESSORS
• Deborah A. Boone - Ph.D. (Ohio State University)
  Extension education, Leadership development, Program evaluation and development
• Cheryl Brown - Ph.D. (University of California, Berkeley)
  Agricultural and food policy and economics, Agribusiness
• Michael Hasenmyer - M.L.A. (North Carolina State University)
Virtual simulation and design education
• Fonda Holehouse - J.D. (West Virginia University)
  Environmental and enterprise development and law
• Donald J. Lacombe - Ph.D. (Florida State University)
  Spatial econometrics, Public choice and industrial organization
• Kerry S. Odell - Ph.D. (Ohio State University)
  Research methodology, Microcomputer applications, Teaching methods
• Mark Sperow - Ph.D. (Colorado State University)
  Production and resource economics
• Michael P. Strager - Ph.D. (West Virginia University)
  Spatial analysis, Decision support
• Charles B. Yuill - M.L.A. (University of Massachusetts)
  Computer applications, Site analysis

ASSISTANT PROFESSORS
• J. Wesley Burnett - Ph.D. (University of Georgia)
  Resource, environmental and energy economics
• Peter Butler - M.L.A. (Iowa State)
  Cultural landscape planning and interpretation, Community design
• Hodjat Ghadimi - Ph.D. (Ohio State University)
  Sustainable development
• Ashley Kyber - M.S. (Clemson University), M.F.A. (Cranbrook)
  Community design landscape /public art, Environmental/green design
• Carrie Moore - M.Na. (Lincoln University), R.M. (New Zealand) & E.E. (Universitat for Bodenkultur, Austria)
  Environmental psychology, Natural resource management
• Lisa Orr - M.L.A. (University of California at Berkeley)
  Vernacular and cultural landscape analysis and theory, Landscape architectural graphics and representation
• Doolarie Singh-Knights - Ph.D. (West Virginia University)
  Natural resource economics

PROFESSORS EMERITI
• Donald R. Armstrong - M.L.A. (Louisiana State)
• Alfred L. Barr - Ph.D. (Oklahoma State University)
• Dale K. Colyer - Ph.D. (University of Wisconsin)
• Gerald V. Eagan - Ph.D. (University of Tennessee)
• Robert Jack - Ph.D. (Pennsylvania State University)
• Warren G. Kelly - Ed.D. (University of Missouri)
• Walter C. Labys - Ph.D. (University of Nottingham)
• Layle D. Lawrence - Ph.D. (Louisiana State University)
• George W. Longenecker - M.F.A. (University of Illinois)
• Wesley Lynch - M.S. (Michigan State University)
• Steven B. McBride - M.L.A. (University of Massachusetts.)
• Kenneth D. McIntosh - Ph.D. (University of Wisconsin)
• Paul E. Nesselroad - Ph.D. (Pennsylvania State University)
• Virgil J. Norton - Ph.D. (Oregon State University)
• Mary E. Templeton - M.S. (West Virginia University)
• Delmar R. Yoder - Ph.D. (University of Wisconsin)

AGRIBUSINESS MANAGEMENT
MINOR CODE- U047
Principles pertaining to agribusiness management.
A minimum GPA of 2.0 is required in all minor courses
ARE 110  Agribusiness Accounting
ARE 204 Agribusiness Management 3
Select one of the following: 3
ARE 431 Marketing Agricultural Product
ARE 435 Marketing Livestock Products
ARE 461 Agribusiness Finance
Select one of the following: 3-4
ARE 382 Agri and Natural Resources Law
ARE 406 Applied Quantitative Methods
ARE 421 Rural Enterprise Development
ARE 440 Futures Market/Commodity Price
Total Hours 15-16

ENVIRONMENTAL ECONOMICS
MINOR CODE - U053
Fifteen hours and a GPA of at least 2.0 in courses counted toward the minor.

Environmental Problems of Issues (select one of the following): 3
ARE 187 Energy Resource
ENVP 155 Elements-Environmtl Protection
FOR 140 W Va Natural Resources
Environmental and Resource Economics 9
ARE 220 Intro Envirnmntl/Resource Econ
ARE 401 Applied Demand Analysis
ARE 410 Environmentl/Resource Economics
Law, Policy, or Analysis (select one of the following): 3
ARE 382 Agri and Natural Resources Law
ARE 450 Agr/Envrmntl & Resource Policy
Total Hours 15

RURAL COMMUNITY DEVELOPMENT
MINOR CODE - U066
This minor covers the concepts and principles pertaining to rural community development and requires courses focusing on the economy, communication and leadership, and community design principles. A minimum GPA of 2.0 is required in all minor courses

ARE 204 Agribusiness Management 3
ARE 411 Rural Economic Development 3
AGEE 220 Group Organization/Leadership 3
AGEE 421 Agri/Natural Res Communicatns 3
Select two of the following: 6
LARC 465 Regional Design
LARC 466 Intro-Urban Design Issues
LARC 570 Meanings of Place
Total Hours 18

LANDSCAPE STUDIES
MINOR CODE- U084
The undergraduate minor in landscape studies is offered to any student enrolled at West Virginia University who is interested in gaining a broad understanding of the body of knowledge and the skills involved with landscape architecture. The main focus of the minor is to provide students with a comprehensive landscape architecture theoretical background, including both cultural and historical issues related to the discipline, and planning and design issues at an urban and a regional scale. Students can select among a variety of courses depending on their own interest.

Completion of a minor in landscape studies will require a grade of C or better in all courses. Students completing the minor are required to take:
A grade of C or higher must be earned in all minor courses

LARC 105 Intro: Landscape Architecture 3
LARC 212 History-Landscape Architecture 3

Select three of the following: 9

LARC 361 Interior Plantscaping
LARC 448 Design Analysis
LARC 452 Contmpy Issues-Landscape Arch
LARC 465 Regional Design
LARC 466 Intro-Urban Design Issues
LARC 570 Meanings of Place

Total Hours 15

COURSES

RESM 140. Sustainable Living. 3 Hours.
Explores the personal, social, economic and environmental aspects of making sustainable choices. Sustainability principles and practices are discussed along with assessments of consumption and lifestyle decisions. Also listed as DSGN 140 and PLSC 140.

RESM 293A-Z. Special Topics. 1-6 Hours.
PR: Consent. Investigation of topics not covered in regularly scheduled courses.

RESM 390. Teaching Practicum. 1-3 Hours.
PR: Consent. Teaching practice as a tutor or assistant.

RESM 420. Aquaculture Management. 3 Hours.
Interdisciplinary course that explores through lectures, field trips, and class discussion, practical pond management principles, site and species selection, production methods, mine water aquaculture, waste issues, processing, marketing, and sustainability.

RESM 440. Foundations of Applied GIS. 2 Hours.
An introductory course designed to provide the necessary background and techniques to use GIS technology to analyze and solve spatial problems. An emphasis is placed on acquisition, management, and manipulation of spatial data.

RESM 441. Intro GIS Natural Sciences. 1 Hour.
Using Geographic Information Systems (GIS) to solve problems in environmental and natural resource management, taken concurrently with RESM 440.

RESM 442. Intro GIS Social Science. 1 Hour.
Using Geographic Information Systems (GIS) to solve problems in the social sciences, taken concurrently with RESM 440.

RESM 450. Land Use Planning Law. 3 Hours.
Focus is on identification and understanding of legal issues related to planning and land use. This involves understanding rights, regulations, and responsibilities associated with land use, planning, and related activities.

RESM 455. Practice of Land Use Planning. 3 Hours.
Examines comprehensive land use planning including planning's origin and evolution plus the processes used to create and implement a plan. Focus is on land use and how it relates to other issues.

RESM 480. Environmental Regulation. 3 Hours.
Course focusing on laws and policies applicable to the environment. Students will learn to read and interpret statutes, regulations and cases that impact water, air, toxic substances, land and endangered species.

RESM 491. Professional Field Experience. 1-18 Hours.
PR: Consent (may be repeated up to a maximum of 18 hours.) Prearranged experiential learning program, to be planned, supervised, and evaluated by faculty and field supervisors. Involves temporary placement with public or private enterprise for professional competence development.

RESM 493A-Z. Special Topics. 1-6 Hours.
PR: Consent. Investigation of topics not covered in regularly scheduled courses.

RESM 494A-Z. Seminar. 1-3 Hours.
PR: Consent. Presentation and discussion of topics of mutual concern to students and faculty.

RESM 495. Independent Study. 1-3 Hours.
Faculty supervised study of topics not available through regular course offerings.

RESM 496. Senior Thesis. 1-3 Hours.
PR: Consent.

RESM 498A-Z. Honors. 1-3 Hours.
PR: Students in Honors Program and consent by the honors director. Independent reading, study or research.