

Environment and Natural Resources - PHD

School of Environment and Natural Resources

Program Learning Goals & Outcomes

Demonstrate scientific competence in environment and natural resources specialization area

Develop mastery of relevant concepts, theories and methodologies specific to the student's area of specialization

Demonstrate scientific literacy in ENR area of specialization in preparation for dissertation research

Develop original, independent research project that will make a contribution to ENR area of specialization

Integrate, apply and critique knowledge from research literature

Demonstrate ability to formulate research objectives and/or hypotheses to address a central research question

Demonstrate knowledge of data collection methods to address research objectives and/or hypotheses

Demonstrate ability to analyze data to address research objectives and/or hypotheses

Demonstrate ability to interpret research results to address research objectives and/or hypotheses within the context of prior literature

Demonstrate ability to interact in professional settings

Interact effectively with scientific peers

Mentored and supported as develop scientific and professional skills

Understand contributions of different scientific disciplines to ENR research questions

Demonstrate effective oral and written communication skills at a professional level

Communicate mastery of content within ENR area of specialization to academic audiences

Communicate knowledge of ENR area of specialization to interdisciplinary academic audiences

Communicate dissertation research topic and findings to interdisciplinary academic audiences

Present dissertation and related research findings to broader academic and professional communities relevant to ENR area of specialization

Demonstrate competency in academic writing in ENR area of specialization



THE OHIO STATE UNIVERSITY

COLLEGE OF FOOD, AGRICULTURAL,
AND ENVIRONMENTAL SCIENCES