

# Environment and Natural Resources - MS

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

Develop original, independent research study 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 ENR area of specialization research to interdisciplinary academic audiences

Present thesis 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