Masters of Agriculture (MAg) Learning Outcomes and Assessments

The Masters of Agriculture (MAg) program has identified three learning outcomes that align directly with the OSU Graduate Learning Outcomes:

1. Conduct research or produce some other form of creative work
2. Demonstrate mastery of subject material
3. Conduct scholarly or professional activities in an ethical manner

Graduates will have acquired fundamental knowledge in the three selected disciplines and will have developed an understanding of the principles underlying each field. Students will synthesize and assimilate information, its integration with other knowledge, and its intelligent use.

Students will be prepared for a variety of careers within the agricultural, food, and fiber and natural resources industries. Graduates will also demonstrate their ability to articulate their academic program and communicate, through writing, oral and visual presentations.

Assessments

- **Demonstrate Mastery of Subject Material**
  - Students will have sufficient course grades within the student’s three program of study areas.
  - The final oral presentation will be evaluated for content depth and breadth.
  - During the oral examination, the committee members are provided an opportunity to ask questions pertinent to the student’s coursework and to evaluate the student’s content understanding and knowledge within the three program of study areas.
  - The final scholarly project will be evaluated by the committee to determine the extent of subject matter knowledge.
  - Graduates will have acquired fundamental knowledge in the three selected disciplines and will have developed an understanding of the principles underlying each field. Students will synthesize and assimilate information, its integration with other knowledge, and its intelligent use.

- **Conduct Research or Other Scholarly Work**
  - During the oral presentation, graduates will be assessed on their ability to evaluate and communicate scientific data to others in writing and in oral and visual presentations.
  - The oral examination will provide committee members the opportunity to evaluate students on their ability to communicate their research or scholarly work.
  - Through questioning, the committee members will assess the student’s ability to conduct research or scholarly work.

4. **Conduct scholarly or Professional Activities in an Ethical Manner**
  - The oral examination will provide committee members with the opportunity to evaluate each student on their professional dispositions and ethics.
  - The oral presentation will be assessed to determine the student’s professional communication.
  - The scholarly product will be evaluated by the committee members to determine ethical, as well as professional communication.