

Agricultural and Environmental Systems - Natural Resources and Environmental Systems, MS

College of Agriculture & Environmental Science

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The Master of Science in Agricultural and Environmental Systems – Natural Resources and Environmental Systems concentration provides a foundation in the fundamental biological and biochemical sciences related to natural and renewable resources, bioprocessing, food systems sustainability including the underlying principles of horticulture, agroecology, environmental remediation and protection, plant and soil health, mushroom science and biotechnology. Thesis or project research is a degree requirement in one of these knowledge areas under the direction of a graduate faculty member. Graduates are trained to be analytical in their thinking and applied in their performance with an understanding of transdisciplinary science.

Additional Admission Requirements

- Sound academic preparation in basic sciences (e.g. Biology, Chemistry and Physics)
- Undergraduate Math (Algebra and Calculus)

Program Outcomes:

- The production of advanced agricultural scholars that obtain professional and leadership roles with agricultural and environmental related entities
- Individuals that pursue doctoral studies and the valuable scholarly works produced by graduates of the program, through thesis and capstone project endeavors.

Degree Requirements

Total credit hours: 30

- Core courses (9 credit hours): AGRI 604/ABM 705, AGRI 700, 780

Thesis option

- Select 15 credit hours from: NARS; AGRI; HORT; SLSC; ENVS with approval of advisor
- Thesis (NARS 797: 6 credits)
- Pass thesis defense

Project option

- Select 18 credit hours from: NARS; AGRI; HORT; SLSC; ENVS with approval of advisor
- Project (NARS 796: 3 credits)

2021-2022