

# NATURAL RESOURCES (M.S.)

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Work alongside internationally recognized faculty leading natural resources research in pursuit of your degree and make an impact on the problems facing our natural world. Our research encompasses a wide range of natural resource disciplines, and this degree focuses primarily on students interested in pursuing research opportunities under the guidance of a major professor and a graduate advisory committee.

The thesis-based M.S. degree in Natural Resources requires completion of a research project that is the result of original work carried out by the student under the supervision of the major professor and the graduate advisory committee. To be admitted to this program, a faculty member must agree to serve as your major advisor. It is strongly encouraged that you contact a potential faculty mentor about opportunities within their lab prior to applying for admission to this program.

## Master of Science. Major in Natural Resources.

Thesis and non-thesis options are offered with a major in natural resources. See the respective departmental sections for details.

1. Demonstrate understanding of the scientific method and qualitative/quantitative analysis methods.
2. Critically synthesize existing knowledge in science and their natural resource discipline and describe how their research represents a step forward towards the generation of new knowledge.
3. Critically apply theories, methodologies, and knowledge to address important questions in natural resources.
4. Conduct research of significance in a natural resource discipline or as part of a disciplinary or an interdisciplinary or creative project.
5. Plan and conduct this research or implement this project under the guidance of an advisor and/or committee while developing intellectual independence.
6. Develop potential ability in disseminating oral communication to peers in disciplinary research areas.
7. Develop potential ability in disseminating written communication to peers in disciplinary and/or interdisciplinary research areas.
8. Develop potential ability in disseminating and presenting complex information to non-science groups.
9. Develop potential expertise in a specialized research area in natural resources.
10. Demonstrate self-defined pathway for career following defense.
11. Develop potential ability for leadership in natural resource discipline.
12. Interact productively with people from diverse backgrounds and team members with integrity and professionalism.
13. Develop potential ability, through service, for the value of their discipline to the academy and community at large.
14. Follow the principles of ethics in their field and in academia.