**FISH AND WILDLIFE SCIENCE (M.S.)**

**Master of Science. Major in Natural Resources.**

The M.S. degree with major study in either fishery resources or wildlife resources is awarded when a student has met the requirements listed below. A formal graduate program of at least 30 semester hours is chosen in consultation with the major professor and the student’s supervisory committee. At least 18 credits must be courses numbered 500 and above. For the thesis option, no more than 10 of the 500-level credits of Research and Thesis may be applied toward the degree.

1. Thesis option: General M.S. requirements apply except that the thesis requirement may be fulfilled by one or more journal publications at the discretion of the candidate’s supervisory committee.
2. Non-thesis option: General M.S. requirements apply. A professional paper is required.

The Ph.D. degree is available with a major in Natural Resources. General Ph.D. requirements apply; see the section on "Natural Resources ([https://catalog.uidaho.edu/colleges-related-units/natural-resources/](https://catalog.uidaho.edu/colleges-related-units/natural-resources/))" 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.