

Natural Resources and Sustainability Ph.D.

Program Requirements

Catalog Department Overview # (<https://catalog.uaf.edu/academic-departments/natural-resources-environment/>)

Minimum Requirements for Natural Resources and Sustainability Ph.D.: 24 credits (18 thesis credits)

Code	Title	Credits
General University Requirements		
Complete the graduate general university requirements. (https://catalog.uaf.edu/phd/#gurphdtext)		
Ph.D. Degree Requirements		
Complete the Ph.D. degree requirements. (https://catalog.uaf.edu/phd/#phdrequirementstext)		18
As part of the Ph.D. requirements, complete the following:		
NRM F699	Thesis (18 credits)	
Natural Resources and Sustainability Program Requirements		
Complete coursework in thematic area(s) as determined by the advisory committee.		
Complete any combination of the following to total 3 credits		3
NRM F667	Resilience Seminar I	
NRM F668	Interdisciplinary Research Methods-Resilience Seminar II	
NRM F692	Graduate Seminar	
Complete the following:		
NRM F647	Sustainability in the Changing North	3
Outreach activity of one annual public presentation		
Written and oral comprehensive exams ¹		
Dissertation defense seminar		
Dissertation defense examination		
Doctoral dissertation		
Total Credits		24

- Have the research skills to contribute to the advancement of the natural resources sustainability field and address sustainability problems faced by society
- Synthesize knowledge from multiple disciplines and provide new insights into natural resources sustainability
- Be proficient in communicating their knowledge in oral and written format to scientists, agencies and private sector personnel at state, national, and international levels
- Prepared to enter careers in natural resources management or academia

¹ Advancement to candidacy occurs when the student demonstrates mastery in understanding sustainability and in-depth knowledge of the student's dissertation research topic area. Requirements for advancement to candidacy are determined by the academic committee of the student and shall be consistent with the candidacy requirements for Ph.D. studies at UAF. The basis of the evaluation will be written and oral comprehensive exams.

Learning Outcomes

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Learning Outcomes are measurable statements that describe knowledge or skills achieved by students upon completion of the program.

Students graduating from this program will be able to: