

**College of Natural
Resources**



MS Environmental Science

COMPLETELY ONLINE



For More Information:
cnr-grad-studies@uidaho.edu
uidaho.edu/nronline
208-885-0165

**College of Natural
Resources**



M.S. Environmental Science

Non-Thesis Degree - Completely Online
or on-campus at Moscow and Idaho Falls

Expand Your Knowledge about the Earth, its Peoples, and its Ecosystems

Earning your M.S. in Environmental Science degree will enable you to explore multiple environmental disciplines and value systems. Aided by your passion about the outdoors, the natural world, and our nation's valuable ecosystems, this degree will help you gain new knowledge and skills to advance your career.

Your degree will include courses from the Social, Physical, and Biological Sciences and will culminate in an integrative science course. You can choose from over 200 online courses offered across these disciplines at the University of Idaho.

You will be joining one of the strongest programs in the Nation that prides itself on educational excellence at a great value.

You will be charged resident tuition provided you only register for online courses.

uidaho.edu/nronline

208-885-0165

Did You Know?

- The College of Natural Resources is ranked by College Factual, US News, and World Report as 1st in the nation for Value
- The online Master of Science is ranked #2 in the nation by bestcolleges.com

Fast Facts

- 30 credit, non-thesis program designed for working professionals, but open to all
- Can be completed in 3 semesters
- Completely online
- Over 200 online courses
- Support for veterans and active service members
- Up to 12 applicable credits can be transferred in
- No GRE required
- Apply year-round

MS Environmental Science

2020/2021 Curriculum

This document is for planning purposes only. For official degree information, refer to Degree Audit and speak with your advisor.

The Online Master of Science in Environmental Science requires 30 credits for the degree.

This includes 27 credits of coursework at the 500 level or above, but with no more than 9 credits at the 400 level.

The degree requires 3 credits of non-thesis research (ENVS 599), 2 seminar credits, and 1 research methods course.

Step 1. Select a Core Option Area of Biological, Physical, or Social Science.

Step 2. Select 15 credits in that Core Option Area.

Step 3. Select 3 credits from the other two Option Areas.

Step 4. Select one 500-level research methods course.

Step 5. Select 2 credits of seminar.

Step 6. Select 3 credits of ENVS 599 (non-thesis research).

Step 7. Complete a study plan on the UI system by [following the instructions at this site](#) by the end of the first semester of study.

Step 8. If you need to enter transfer credits into your study plan, [follow the instructions at this site](#).

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BIN → **Biological Sciences**

CRN	Course	Title	Semester	Credits
81847	FCS 411	Global Nutrition	Summer	3
52952	REM 440	Restoration Ecology	Spring	3
33890	REM 410	Princ Veg Monitoring	Fall	2
84190	WLF 440	Conservation Biology	Summer	3
69046	FOR 444	Prescribed Fire For Ecol. Mgmt	Spring	2 TO 3
43677	SOIL 446	Soil Fertility	Spring	3
61425	FOR 451	Fuels Inventory and Management	Spring	3
68566	REM 456	Integrated Rangeland Mgmt	Spring	3
32523	REM 459	Rangeland Ecology	Fall	3
37222	REM 507	Landscape and Habitat Dynamics	Fall	3
71690	FS 509	Princ Environmntl Toxicology	Spring	3
66583	FISH 504	ST:Ecol.&Cons.ofFrshwtrInverte	Spring	2
74658	FISH 511	Fish Physiology	Spring	2
38684	FOR 526	Fire Ecology	Fall	3
41465	FISH 525	Aquaculture/Wild Fisheries	Fall	2
40058	FISH 515	Large River Fisheries	Fall	2
38684	FOR 526	Fire Ecology	Fall	3
68395	FS 536	Principles of Sustainability	Spring	3
36043	FS 536	Principles of Sustainability	Fall	3
84989	FISH 540	Wetland Restoration	Summer	3
84468	WLF 540	Conservation Genetics	Summer	1 TO 3
40492	REM 560	Ecophysiology	Fall	3
67016	WLF 561	Landscape Genetics	Spring	2
40184	FS 575	Food Quality Management	Fall	3
43233	ENVS 579	Intro Environmntl Regs	Fall	3
83929	NRS 580	Restoration Ecology Practicum	Summer	2
42363	PLSC 590	Potato Science	Fall	3
75540	NRS 578	LiDAR and Optical R.S. Analysis	Spring	3

These courses are most frequently selected biological science courses, but many more exist.

For a complete list of all courses go to: <https://webpages.uidaho.edu/schedule/>

If you are interested in taking one of these courses, the Course Registration Number (CRN) will be needed during enrollment. Semesters: F (Fall), S (Spring), Sum (Summer). *CRNs are subject to change.

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BIN → Physical Sciences				
CRN	Course	Title	Semester	Credits
81847	FCS 411	Global Nutrition	Summer	3
Various	ENVS 428	Pollution Prevention	Various	3
Various	ENVS 429	Environmental Audit	Various	3
43677	SOIL 446	Soil Fertility	Spring	3
73354	ENVS 450	Environmental Hydrology	Spring	3
40503	FS 475	Qual Mgmt Tools for Food Prod	Fall	3
Various	ENVS 484	History of Energy	Various	3
42945	ENVS 485	Energy Efficiency and Cons	Fall	3
37222	REM 507	Landscape and Habitat Dynamics	Fall	3
71690	FS 509	Princ Environmntl Toxicology	Spring	3
85105	REM 510	GIS Applctn in Fire Ecol/Mgmt	Summer	2
40926	GEOG 524	Hydro Appls/GIS-Remote Sensing	Fall	3
61355	ENVS 541	Sampl/Anl:Env Contamin	Spring	3
75183	ENVS 548	Drinking Water & Human Health	Spring	3
Various	FOR 554	Air Quality, Pollution & Smoke	Various	3
40184	FS 575	Food Quality Management	Fall	3
66292	CE 510	Adv Mechanics of Materials EO (Video)	Spring	3
71017	CE 511	Dsgn Water/Wastewater Sysys I EO (Video)	Spring	3
41889	CE 513	Fallridge Design EO (Video)	Fall	3
73484	CE 521	Sedimentation Engineering EO (Video)	Spring	3
42013	CE 535	Fluvial Geomorph/River Mech	Fall	3
41956	ECE 515	Analog Integrated Circuit Dsgn EO (Video)	Fall	3
38624	ECE 522	Induction Machines EO (Video)	Fall	3
41959	ECE 541	Advanced Computer Architecture EO (Video)	Fall	3
Various	GEOE 535	Seepage and Slope Stability EO (Video)	Various	3

These courses are most frequently selected physical science courses, but many more exist.

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MS

Environmental Science

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BIN → **Social Sciences**

CRN	Course	Title	Semester	Credits
Various	COMM 410	Conflict Management	Various	3
Various	FCS 446	Financial Couns. & Debt Mgt.	Various	3
84565	POLS 451	Public Administration	Summer	3
38076	POLS 572	Local Gov't Politics/Admin	Fall	3
41177	POLS 565	Local Government Law	Fall	3
39648	POLS 555	Public Administration Theory	Fall	3
65992	COMM 456	Nonprofit Fundraising	Spring	3
Various	ENVS 484	History of Energy	Various	3
42945	ENVS 485	Energy Efficiency and Cons	Fall	3
75183	ENVS 548	Drinking Water & Human Health	Spring	3
41807	ENVS 552	Environmental Philosophy	Fall	3
43233	ENVS 579	Intro Environmntl Regs	Fall	3
85228	NRS 588	NEPA in Policy and Practice	Summer	3
TBA	NRS 507	Moral Reasoning in Natural Resources	Summer	3
83899	NRS 574	Env Politics and Policy	Summer	3
84524	NRS 592	Emerging Media Outreach in NR	Summer	3
58762	EDAD 509	Ed Policy&Politics for Ed Ldrs	Spring	3
Various	EDAD 530	Ethical Leadership/Law in Ed	Various	3
Various	EDCI 511	Plan & Admin Curriculum	Various	3
Various	EDCI 513	Hist of Educ Thought	Various	3
Various	EDCI 524	Models of Teaching	Various	3
Various	EDCI 563	Literacy Meth/Cont Lrn	Various	3
66276	AOLL 528	Program Planning/Dev/Evaluatn	Spring	3
66279	AOLL 583	Organizational Leadership	Spring	3
Various	FS 536	Principles of Sustainability	Various	3
TBA	ENVS 523	Planing Sustainable Places	TBA	3
70807	FOR 546	Science Synthesis and Comm	Spring	3
Various	FOR 554	Air Quality, Pollution & Smoke	Various	3
38590	FOR 587	Wildland Fire Policy	Fall	2
68073	FOR 584	Natural Res Policy Development	Spring	3
46361	ACCT 582	Enterprise Accounting EO (Video)	Spring	3
TBA	NRS 555	Human Dimensions in Natural Resources	Spring	3
71458	NRS 504	ST: Resrch Meth Env SocSci	Spring	3
TBA	ENVS 577	Law, Ethics, and Envirionment	Spring	3
TBA	ENVS 520	Bioregional Planning	TBA	3
TBA	ENVS 530	Planning, Theory, and Process	TBA	3

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BIN →		Research Methods		
CRN	Course	Title	Semester	Credits
Various	ED 571	Intro to Quant Research	Various	3
30919	ED 574	Survey of Qualitative Research	Fall	3
Various	ED 584	Quant Rsch in Educ	Various	3
41201	ED 589	Theo App & Design of Qual Rsch	Spring	3
42982	ED 590	Analysis & Interp of Qual Data	Fall	3
42885	ED 680	Phil Foundations of Ed Rsrch	Fall	3
33009	EDAD 570	Mthds of Educational Research	Fall	3
Various	EDCI 570	Intro to Rsrch Curric/Instruct	Various	3
Various	EDCI 572	Measurement/Evaluation	Various	3
Various	ENVS 501	Seminar	Various	1
61355	ENVS 541	Sampl/Anl:Env Contamin	Spring	3
73880	FOR 501	SEM: Current Issues	Spring	1
40965	GEOG 596	Geography Department Seminar	Fall	1
71139	NR 511	Preparing Science Manuscripts	Spring	1
83556	NR 525	Scientific Graphics Design	Summer	3
Various	NRS 501	Sem: Intro R Data Analysis/Vis	Various	1
71458	NRS 504	ST: Resrch Meth Env SocSci	Spring	3
72308	POLS 558	Research Methods for Local Adm	Spring	3
Various	STAT 419	SAS/R Programming EO (Video)	Various	3
Various	STAT 422	Sample Survey Methods EO (Video)	Various	3
Various	STAT 431	Statistical Analysis EO (Video)	Various	3
Various	STAT 451	Probability Theory EO (Video)	Various	3
Various	STAT 452	Mathematical Statistics EO (Video)	Various	3
Various	STAT 456	Quality Management EO (Video)	Various	3
31745	STAT 507	Experimental Design EO (Video)	Fall	3
63067	STAT 519	MultiVariablesate Analysis EO (Video)	Spring	3
66305	STAT 550	Regression EO (Video)	Spring	3
43445	STAT 565	Computer Intensive Statistics	Fall	3
71461	WLF 506	External Speakers	Spring	1

These courses are most frequently selected research methods and seminar courses, but many more exist. For a complete list of all courses go to: <https://webpages.uidaho.edu/schedule/>

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