

**BE A PART  
OF THE SOLUTION**

# B.S. CLIMATE CHANGE AND SOLUTIONS

## SOLVE CLIMATE CHANGE PROBLEMS RECOMMENDED 4-YEAR PLAN

Help solve the most pressing challenges that our world has witnessed in generations. Given the scale and magnitude of climate-driven stressors on the food, water, and energy systems, alongside the challenges associated with climate driven disasters such as wildfires, hurricanes, floods, droughts, and pests; this degree provides graduates with the knowledge and skills to lead in solving climate science problems. Graduates of the B.S. in Climate Change and Solutions will gain an in-depth scientific understanding they need to assess climate impacts from both human-induced climate change and natural climate variability, as well as finding solutions to manage and mitigate them. Career paths will include meteorology, climatology, non-governmental organizations, land management agencies, data analysts, media companies, among many others.

FRESHMAN		FALL
COURSE		CREDITS
ENGL 101 - Writing and Rhetoric I		3
GEOG 100/100L OR GEOL 101/101L OR GEOL 111/111L OR GEOL 102/102L		4
General Education Requirements		2
Elective		2
MATH 143 OR MATH 160 OR MATH 170 OR MATH 175		3
		<b>TOTAL 14</b>

FRESHMAN		SPRING
COURSE		CREDITS
ENGL 102 - Writing and Rhetoric II		3
GEOG 165 Human Geography		3
SOC 101 - Introduction to Sociology		3
STAT 251 - Statistical Methods		3
General Education Requirements		3
		<b>TOTAL 15</b>

SOPHOMORE		FALL
COURSE		CREDITS
GEOL 212 - Dinosaurs and Prehistoric Life		4
GEOG 313 - Global Climate Change		3
ENGL 317 OR ENGL 318		3
General Education Requirement		3
Elective		3
		<b>TOTAL 16</b>

SOPHOMORE		SPRING/ SUMMER
COURSE		CREDITS
GEOG 385 - Foundations of GIS		3
GEOG 200 - World Cultures and Globalization		3
Bin 1 Elective		3
ENGL 322 Climate Change Fiction		3
Elective		3
		<b>TOTAL 15</b>

*This academic plan is intended as a guideline only and does not replace academic advising. 120 credits minimum are required for a B.S. in Climate Change and Solutions. Minimum of 36 upper-division credits required to graduate. See course catalog and department website for complete degree requirements and additional information.*

JUNIOR		FALL
COURSE	CREDITS	
GEOG 411 - Natural Hazards and Society	3	
Bin 1 Elective Course	3	
General Education Requirement	3	
GEOG 301 - Meteorology	3	
GEOG 488 - Geography of Energy Systems	3	

**TOTAL 15**

SENIOR		FALL
COURSE	CREDITS	
GEOG 430 - Climate Change Ecology	3	
GEOG 493 - Senior Capstone	3	
Bin 1 Elective Course	3	
Bin 2 Elective Course	3	
Elective	3	

**TOTAL 15**

### Physical Science Electives (18+ credits)

COURSE	CREDITS	
GEOG 317 - Tree Rings and Environmental Change	3	
GEOL 309 - Ground Water Hydrology	3	
GEOL 435 - Glaciology and the Dynamic Frozen Earth	3	
GEOL 462 - Petroleum Systems and Stratigraphic Concepts	3	
GEOL 467 - Volcanology **	3	
GEOL 471 - Ore Deposits and Exploration	3	
GEOL 454 - Air Quality, Pollution, and Smoke	3	
BE 453 - Northwest Climate and Water Resources Change	3	

\*\* These courses only count once.

JUNIOR		SPRING/ SUMMER
COURSE	CREDITS	
GEOG 401 - Climatology	3	
Elective	3	
Bin 1 Elective Course	3	
Policy Elective Course	3	
SOC 466 - Climate Change and Society	3	

**TOTAL 15**

SENIOR		SPRING
COURSE	CREDITS	
Bin 1 Elective Course	3	
Bin 1 Elective Course	3	
Bin 2 Elective Course	3	
Bin 2 Elective Course	3	
SOIL 436 - Principles of Sustainability	3	

**TOTAL 15**

### Human Dimensions Electives (9+ credits)

COURSE	CREDITS	
GEOG 350 - Sustainability of Global Development	3	
GEOG 420 - Land, Resources, and Environment	3	
ENVS 415 - Environmental Lifecycle Assessment	3	
ENVS 420 - Introduction to Bioregional Planning	3	
ENVS 484 - History of Energy	3	
SOIL 210 - Introduction to Food Systems	3	
SOIL 427 - Sustainable Food Systems	3	
SOC 465 - Environmental Justice	3	
ENVS 477 / AGE 477 Law, Ethics and the Environment	3	
PHIL 452 Environmental Philosophy	3	
NRS/POLS 462 Natural Resource Policy **	3	
IS 322 International Governance **	3	
POLS 364 Politics and the Environment **	3	
GEOL 467 - Volcanology **	3	
ENVS 485 - Energy Efficiency and Conservation	3	

**READY TO GET STARTED?**

For More Information: [earth-sciencerocks@uidaho.edu](mailto:earth-sciencerocks@uidaho.edu)

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