

Environmental Studies Degree Checklist (Effective Catalog Year: Fall 2023)

Name: _____ Student ID: _____ Advisor _____

Core (37-41 Credits)

Course Title	Course #	Credits	Plan	✓
Orientation to ESM	ESM 150	1		
Critical social science & environmental justice foundations				
Enviro & Society or Environ & Ecol Issues	GEOG 230 or ESM 330	4		
Cultural & Political Ecology OR Res Mgmt	GEOG 348U <i>RESR - I</i> or GEOG 345U <i>RESR - I</i>	4		
Environmental Management and Policy Foundations				
Appl Env Stud: Policy	ESM 222	4		
Intro to Env Mgmt	ESM 335	4		
Natural science foundations				
College Algebra	MTH 111Z	4		
Physical Geography	GEOG 210/L	4		
Intro Environ Systems	ESM 220	4		
Methods				
Methods of Env Mgmt	ESM 333 & 334	4+2		
Field Methods	ESM 342	2		
Maps and GIS	GEOG 380U/L	4		

Major Electives (24 credits)

6 Electives	Focal area	Plan	✓

- At least 4 classes/16 credits at 400 level
- At least 1 400 level class in ESM and 1 400 level class in GEOG.
- At least 4 from within 1 focal area
- Two additional from same or any area (1. Env. justice & env. humanities, 2. Environmental policy & governance, 3. Resource management & sustainable systems, 4. Interdisciplinary skills)

Resource management and sustainable systems some classes have prerequisites)

1. ESM 355U Understanding Environmental Sustainability I
2. ESM 356U Understanding Environmental Sustainability II
3. ESM 462 Climate Chng Impacts, Adapt& Responses: Geo & Anthroposphere
4. ESM 416 Ecosystem Restoration
5. ESM 418 Landscape Ecology
6. ESM 420 Ecological Toxicology
7. ESM 424 Wetland Ecology
8. ESM 425 Watershed Hydrology
9. ESM 427 Watershed Biogeochemistry
10. ESM 428 Urban Ecology
11. ESM 440 The Ecology & Management of Wildfire
12. ESM 444 Forest Ecology
13. ESM 480 Coastal Marine Ecology
14. ESM 485 Ecol & Mgt Bioinvasions
15. GEOG 310U Climate and Water Resources
16. GEOG 311U Climatology
17. GEOG 312U Climate Variability and Change
18. GEOG 313U Biogeography
19. GEOG 314U Severe Weather
20. GEOG 320 Geomorphology
21. GEOG 322U Mountains
22. GEOG 333U Weather
23. GEOG 340U Global Water Issues and Sustainability
24. GEOG 412 Global Climate Change Sci & Socio-enviro Impact Assessment
25. GEOG 413 Disturbance Biogeography of Pacific Northwest
26. GEOG 414 Hydrology
27. GEOG 415 Soils and Land Use
28. GEOG 418 Landscape Ecology
29. GEOG 440 The Ecology & Management of Wildfire
30. GEOG 345U: Resource Management
31. GEOG 346 World population and food supply
32. GEOG 442 Sustainable cities
33. GEOG 445 Resource management topics
34. GEOG 446 Water resource management *RESR - D*
35. GEOG 447 Urban streams
36. GEOG 448 The urban forest
37. GEOG 449 Geography of food *RESR - D*
38. NAS 392 Indigenous Ways of Knowing
39. UP 313 Urban Environmental Issues
40. USP 434 Green Buildings
41. USP 490 Green Economics and Sustainable Development

Environmental justice and environmental humanities

1. ANTH 414 Culture and Ecology
2. ANTH 418 Environmental Anthropology
3. BST 304 The Civil Rights Movement- *RESR - D*
4. BST 305U African History before 1800-*RESR-I*
5. BST 325U Race and Ethnicity in Latin America - *RESR-I*
6. BST 357 Caribbean Spirituality-*RESR-I*
7. BST 412 Oregon African American History
8. BST 414 Racism
9. BST 484 African American Community Development
10. CFS 488 Structural Oppression *RESR - D*
11. CFS 489 Activism for social change
12. ELP 349U Gandhi, Zapata and New Agrarianism
13. ELP 418 Permaculture & Whole Systems Design: Princ & practices for sust systems
14. ENG 368U Literature and Ecology
15. ESM 487 Environmental Justice -*RESR - D*
16. GEOG 348U Cultural and political Ecology – *RESR - I*
17. GEOG 430 Cultural geography
18. GEOG 462 Sense of place
19. GEOG 467 Comnt resilience in socio-ecological systems
20. HST 339U Environment & History
21. HST 440 American Environmental History
22. HST 491 Readings in Environmental History
23. NAS 342 Indigenous Gardens and Food Justice
24. NAS 348 Indigenous Practices for Environmental Sustainability
25. NAS 392 Indigenous Ways of Knowing
26. NAS 407 Indigenous Ecological Healing Practices
27. PHE 443U Environmental Health
28. PHE 450 Epidemiology
29. PHE 452U Gender, Race, Class & Healthc
30. PHL 310U Environmental Ethics
31. PHL 449 Philosophy of Sustainability
32. PS 389 Environmental Political Theory
33. PSY 413 Ecopsychology
34. SOC 320U Globalization
35. SOC 330 Sociology of Food Inequalities
36. SOC 337U Prejudice, Privilege, & Power-*RESR - D*
37. SOC 465 Environmental Sociology
38. SYSC 350U Indigenous & Systems perspectives on sustainability_
39. WS 306U Women, Environment and Activism-*title must match*
40. WS 308U Intro to Climate Fictions & Justice: A Feminine-Queer Approach-*title must match*
41. WS 332U Race, Class, Gender and Sexuality in the US-*RESR-D*
42. WS 369U Global Reproductive Justice- *RESR I*
43. WS 375U Queer Ecologies *title must match*

Environmental policy and governance

1. ESM 464 Climate Adapt: Managing Enviro Risks & Vulnerabilities
2. ESM 429 Environmental Impact Assessment
3. ESM 435 Natural Resources Policy and Management
4. ESM 463 Water Quality Policy & Management
5. ESM 483 Marine Conservation and Management
6. GEOG 347 Environmental issues and action
7. GEOG 412:Global Climate Change Science & Socio-enviro Impact Assessment
8. CR 305U Ecology of War and Peace
9. CR 313 Environmental Conflict Resolution
10. EC 332U Economics of Environmental Issues
11. EC 430 Resource and Environmental Economics
12. EC 438 Energy Economics
13. ELP 348 Introduction to Global Political Ecology
14. ENG 498 Ecology, Criticism, and Culture
15. PS 319U Politics of the Environment
16. PS 389 Environmental Political Theory
17. PS 407 Conflict and the Environment
18. PS 477 Global Food Politics and Policy
19. PS 449 International Environmental Politics and Law

Interdisciplinary skills

1. ESM 340 Research Methods in Environmental Science
2. ESM 451 Project Management
3. GEOG 420 Field methods in physical geography
4. GEOG 425 Field methods in human geography
5. GEOG 480 Remote Sensing and Image Analysis
6. GEOG 484 Cartographic Applications of GIS
7. GEOG 488 GIS I
8. GEOG 490 GIS Programming
9. GEOG 496: Intro to Spatial Quantitative Analysis
10. COMM 327 Environmental Campaigns
11. COMM 416 Communicating Environmental Controversies
12. COMM 445 Risk & Strategic Communication
13. COMM 448 Science Communication
14. CR 313 Environmental conflict resolution
15. EC 427 Cost-Benefit Analysis
16. ELP 350 Introduction to Leadership for Sustainability
17. NAS 442 Decolonizing Methodologies: Insurgent Research/Indigenous Education
18. SOC 396 Social research methods: Social statistics
19. SOC 397 Social research methods
20. SYSC 342U Systems thinking for social change
21. SYSC 413 Holistic Strategies for Problem Solving
22. WR 327 Tech Report Writing
23. USP 316U Community Organizing & Social Change