

Environmental Studies Degree Checklist (Effective Catalog Year: Fall, 2022)

Name: _____ Student ID: _____ Advisor _____

Core (36-40 Credits)

Course Title	Course #	Credits	Plan	✓
Critical social science & environmental justice foundations				
Orientation to ESM - recommended	ESM 150	1		
Enviro & Society or Environ & Ecol Issues	GEOG 230 or ESM 330	4		
Cultural & Political Ecology OR Res Mgmt	GEOG 348U or GEOG 345U	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 & Anthrosphere
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: Geomorphic Processes
21. GEOG 322U: Alpine Environments
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
35. GEOG 447: Urban streams
36. GEOG 448: The urban forest
37. GEOG 449: Geography of food
38. NAS 392: Indigenous Ways of Knowing
39. UP313: Urban Environmental Issues
40. USP 434: Green Buildings
41. USP 490: Green Economics and Sustainable Development

Environmental Justice and Environmental Humanities

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

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