GRADUATE CERTIFICATE IN ENVIRONMENTAL JUSTICE

The Environmental Justice Graduate Certificate program will equip students with the tools to recognize and address environmental injustices by focusing on real-world practices and solutions. The certificate program offers a holistic and critical examination of environmental justice, employing multiple frameworks from social sciences, humanities, ecological sciences, natural resources, public health, engineering and more. Students will study the distribution of environmental benefits and harms, the epidemiological consequences of pollution, the impacts on cultures and voices, the role of inclusive and democratic participation, and the restoration of social and ecological damages. The courses included in the certificate program engage with a broad range of theoretical perspectives and offer practical examples of real-world environmental injustices.

Students interested in graduate work should refer to the Graduate and Professional Bulletin (http://catalog.colostate.edu/general-catalog/graduate-bulletin/).

Learning Objectives

Upon successful completion of the certificate, students will be able to:

1. Identify and recognize environmental justice and injustice.
2. Employ a wide range of methods to study and address environmental injustice.
3. Advance real-world solutions to environmental injustice.
4. Communicate a holistic understanding of environmental justice that cuts across disciplines, epistemologies, and trainings.

Requirements
Effective Spring 2025

Additional coursework may be required due to prerequisites. Students must earn a cumulative GPA of 3.000 or better, and a minimum grade of "C" in all courses.

Code	Title	Credits
Required Core Course:		
GES 535/LB 535	Foundations of Environmental Justice	3
Group A: Select 3 credits from the following:		**3**
ETST 550	Indigenous Law, Policy, and Peoples	
NRRT 673	Decolonial Feminist Political Ecology	
SOC 562/ AGRI 562	Sociology of Food Systems and Agriculture	
SOC 564	Environmental Justice	
Group B: Select a minimum of 5 credits from the following list. One course must be taken outside the student's home College/Special Academic Unit; the other course(s) may be taken within the student's home College/Special Academic Unit and Department. [2]		**5**
College of Agricultural Sciences:		
AGRI 510	Sustainable Agriculture	
AREC 507	Applied Welfare and Policy Analysis	
AREC 540/ ECON 540	Environmental and Natural Resource Economics	
AREC 740/ ECON 740	Advanced Natural Resource Economics	
AREC 741/ ECON 741	Advanced Environmental Economics	
College of Business:		
BUS 634	Sustainable Venturing and New Energy Economy [1]	
BUS 638	Sustainability Ethics and Business Practice [1]	
College of Health and Human Sciences:		
CON 521	Sustainable Building & Infrastructure Systems	
College of Liberal Arts:		
ANTH 530	Human-Environment Interactions	
ANTH 617	Place, Space and Adaptation	
E 636	Environmental Literature and Criticism	
ECON 540/ AREC 540	Environmental and Natural Resource Economics	
ECON 740/ AREC 740	Advanced Natural Resource Economics	
ECON 741/ AREC 741	Advanced Environmental Economics	
ECON 792E	Seminar: Development [1]	
ETST 573	Critical Disability Studies	
HIST 539	Reading Seminar--World Environmental History	
PHIL 565	Seminar in Environmental Philosophy	
POLS 670	Politics of Environment and Sustainability	
POLS 672	Power, Justice, and Democracy	
POLS 692	Seminar in Environmental Policy	
POLS 709	Environmental Politics in the U.S.	
POLS 729	Political Theory and the Environment	
POLS 739	International Environmental Politics	
POLS 749	Comparative Environmental Politics	
POLS 759	Environmental Policy and Administration	
SOC 668	Environmental Sociology	
College of Natural Sciences:		
CHEM 555	Chemistry of Sustainability	
College of Veterinary Medicine and Biomedical Sciences:		
ERHS 520	Environmental and Occupational Health Issues	
ERHS 560	Health Impact Assessment	
Public Health:		
PBHL 530	Environmental Public Health and Policy	
PBHL 692A	Seminar: Animals, People, and the Environment [1]	
School of Global Environmental Sustainability:		
GES 520	Issues in Global Environmental Sustainability	
GES 528/CIVE 528	Assessing the Food, Energy, Water Nexus	
Walter Scott, Jr. College of Engineering:		
ATS 556	Climate Intervention to Cool a Warming Planet [1]	
CIVE 528/GES 528	Assessing the Food, Energy, Water Nexus	

MECH 516	Life Cycle and Techno-Economic Assessment
Warner College of Natural Resources:	
ESS 501	Principles of Ecosystem Sustainability
ESS 505	International Climate Negotiations [1]
ESS 506	Virtual International Climate Negotiations [1]
ESS 516/NR 516	Climate Justice and Policy
ESS 582A	Study Abroad--Europe and British Isles: UN Climate Change Conference (COP) [1]
ESS 582B	Study Abroad--Americas: UN Climate Change Conference (COP) [1]
ESS 582C	Study Abroad--Asia/Oceania: UN Climate Change Conference (COP) [1]
ESS 582D	Study Abroad--Africa: UN Climate Change Conference (COP) [1]
NR 625	Community-Based Natural Resource Management
Program Total Credits:	**11**

[1] 2-credit courses, 1-credit courses, and variable-credit courses must be combined with other courses in such a way that the courses taken in Group B reaches a total of at least 5 credits.

[2] If a course is cross-listed with a course in one's home college/special academic unit, that course cannot be counted as an outside course.

*This certificate may have courses in common with other graduate certificates. A student may earn more than one certificate, but a given course may be counted only in one certificate.