

Environmental Science

Undergraduate Certificate in Environmental Policy

Integrating 'Green' Into Your Field

All careers of the future will need to consider the environmental implications of the actions. From engineering and new materials to the ways in which we choose to implement new technologies, environmental policies will govern, influence, limit, and expand our horizons. Be on the cutting edge of your field by understanding the implications of policy. Be one of the people who can translate policy into action. Be a leader who can integrate ideas across discipline and set yourself apart with this new certificate program.

Creating a Future of Promise

Certificates enhance your degree, but you also enhance your future and the future of our planet by being able to take action in environmental policy, as an informed citizen. Environmental policies will define the civilization, culture, and world in which we live in over the next century- Important issues such as climate change, public health, wildlife and biodiversity conservation, resource extraction, and sustainability will be defined by the policies we set. Be at the forefront of these issues and able to proficiently advocate for yourself with a certificate that teaches you to leverage your skills as a scientist into public policy.

How it works:

You take: The Politics of Innovation (Pol Sci 4320)

And then select one course from:

Introduction to Environmental Science (Env Sci 1173),
Fundamentals of Environmental Engineering (Env Eng 2601)

And then select one course from:

Global Ecology (Bio Sci 4563), Physical and Environmental Geology Geo 1110), Environmental Systems Modeling (Env Eng 5605), Environmental Aspects of Mining (Geo Eng 4276), Risk Assessment in Environmental Studies (Geo Eng 5233), Toxicology (Bio Sci 4383), Issues in Public Health (Bio Sci 2373), Public Health Engineering (Env Eng 5650), Introduction to Environmental Microbiology (Bio Sci 4313), Freshwater Ecology (Bio Sci 4363)

And select one course from:

Environmental Law and Regulations (Env Eng 5640), Environmental and Natural Resources Economics (Econ 4440), Foundations of Sustainability (Econ 4641), Energy Economics (Econ 4540), Environmental Ethics (Phil 4350)

For a total of 12 credit hours to earn the certificate. You can declare your intention to complete the certificate in advance or upon completion.