
Department of Applied Indigenous Studies Extended Major
APPLIED INDIGENOUS ENVIRONMENTAL SCIENCE EMPHASIS

To complete this emphasis you must take the following 21 hours with a grade C or better in each course:

3 units from:

- AIS 380 Indigenous Knowledge (3)

12 units from:

- ENV 181 Environmental Challenges (3)
- ENV 230 Foundations of Environmental Science: Humans and the Environmental (4)
- ENV 280 Physical and Chemical Processes in the Atmosphere and Hydrosphere (4)
- ENV 330 Environmental Ecology: Synthesis and Applications (4)
- ENV 385W Energy , Resources, and Policy (4)

3 units from:

- FOR 230 Multicultural Perspectives on Environmental Management (3)

3 units from:

- POS 359 Environmental Policy (3)
-

3 units from:

AIS 380 Indigenous Knowledge (3)

12 units from:

ENV 181 Environmental Challenges (3)

An introduction to the ways in which we perceive the environment: how our environment is structured and functions, how we relate to the environment from humanistic, cultural and political perspectives, and how we identify, approach and resolve major environmental issues. SAS

ENV 230 Foundations of Environmental Science: Humans and the Environmental (4)

Introduces scientific methods of investigating and solving environmental problems. Interdisciplinary analysis of interactions among living and nonliving environmental components, focusing on human interactions. 3 hours lecture. *Prerequisites:* CHM 151 and 151L; *corequisites:* CHM 152 and 152L.

ENV 280 Physical and Chemical Processes in the Atmosphere and Hydrosphere (4)

Integrated approach to Earth's atmosphere and hydrosphere, emphasizing composition, chemical processing physical transport, and aspects of human impacts and policy. 3 hours lecture. *Prerequisites:* ENV 230 plus CHM 151, 151L, 1511, 152, and 152L.

ENV 330 Environmental Ecology: Synthesis and Applications (4) Introduces ecological science and its applications in environmental management. 3 hours lecture. *Prerequisite:* ENV 280

ENV 385W Energy , Resources, and Policy (4) Origins and exploitation of energy and mineral resources, and the policies that control how we obtain and use them. This course fulfills NAU's junior-level writing requirement. 3 hours lecture. *Prerequisite:* ENV 330; *corequisite:* POS 359

3 units from:

FOR 230 Multicultural Perspectives on Environmental Management (3) Introduces the effects of culture on attitudes, institutions, and environmental management from a multicultural perspective.

3 units from:

POS 359 Environmental Policy (3) Political aspects of environmental problems, policy responses to those issues, and their impact on the human and natural environment.