



# Ateneo Institute of Sustainability

## Minor in Sustainability

1 August 2021

### Rationale

Despite the Philippines' share of poverty and disaster, we have not been able to systematically develop a connected understanding of the complex social and natural environments among members of our society. This kind of understanding should not only encompass cognitive and affective aspects but also lead to behavioral change. This should also use multi- and interdisciplinary perspectives, specifically those of systems thinking and sustainable development.

As more organizations move toward an acceptance of sustainability models, our students need to be equipped with the lenses, frameworks, tools, and methodologies that can be applied in various fields and professions.

The graduate of the Minor in Sustainability should be able to demonstrate the following program outcomes:

- To analyze problems and issues using the perspectives of systems thinking and sustainable development, particularly as they are applied to environment management and disaster risk reduction
- To develop multi- and interdisciplinary solutions to issues such as inclusive development, corporate sustainability, governance, and sustainable mobility
- To develop tools and competencies that may be required by new situations and contexts

### Requirements

This minor is open to all LS undergraduate students. A pre-requisite for the Minor is ENVI 10.01: Introduction to Environmental Science, lecture (formerly ES 10).

There should be no Grade lower than a C for all subjects qualified for the Minor.

Only 6 units of the student's regular program of study (i.e., the core and major curricula) are credited to the Minor program. Free electives may be used to count towards the Minor. For programs without free electives, two Interdisciplinary Elective can count towards the Minor in addition to the 6 units mentioned above.

### Curriculum

Three 3-unit courses are required:

- ENVI 177.04i: Environmental Management for Sustainability
- PHYS 180.5: Climate Change and Disaster Risk  
OR ENVI 21i: Climate and Earth System
- DECSC 141: Systems Modeling

Two 3-unit electives have to be taken from the following:

- DEV 181.2i: Special Topics in Humanitarian Action: Disaster Risk Reduction and Society
- DEV 183.20: Special Topics in Development Management: Entrepreneurship for Sustainable Development
- DEV 183.24i: Special Topics in Development Management: Creating Shared Value for Practitioners
- DEV 183.25: Special Topics in Development Management: Social Entrepreneurship

- DEV 186.19: Special Topics in Development Studies: Political Economics of Environmental Resources
- DEV 186.44: Special Topics in Development Studies: Issues in Sustainable Development
- ECON 159: Economics of Natural Resource and Environment 3 units
- ECON 185.61: Special Topics in Economics: Social, Political, and Ecological Economics
- ENVI 121i: Industry and the Environment
- ENVI 125i: Introduction to Geographic Information Systems
- ENVI 170i: Introduction to Environmental Law & Policy
- ENVI 172i: The Environmental Movement: Local and Global Perspectives
- ENVI 175i: Applied Economics for the Environment
- ENVI 176i: Environmental Impact Assessment
- LAS 140: Sustainability and Social Responsibility
- LAS 141 Social Enterprise
- LAS 142i: Corporate Sustainability
- LAS 150.6i: Creative Problem Solving for Sustainability Management
- PHILO 126.06: Environmental Ethics 3 units SOAN 123.1 Cities and Society
- SOAN 123.1: Cities and Society
- *Other courses as may be determined/approved by the Program Director*