

GD104-15 Economic Principles of Global Sustainable Development

26/27

Department

Global Sustainable Development

Level

Undergraduate Level 1

Module leader

Maria Gavris

Credit value

15

Module duration

10 weeks

Assessment

60% coursework, 40% exam

Study location

University of Warwick main campus, Coventry

Description

Introductory description

This module aims to introduce students to some of the key economic concepts and perspectives related to global sustainable development. In particular, by adopting problem-based learning as a teaching and learning model, it examines the relationship between Economics and Public Policy in sustainable development, and the ways in which economists address real-world dilemmas linked to sustainable development.

[Module web page](#)

Module aims

This module aims to introduce students to some of the key economic concepts and perspectives related to global sustainable development. In particular, by adopting problem-based learning as a teaching and learning model, it examines the relationship between Economics and Public Policy in sustainable development, and the ways in which economists address real-world dilemmas linked to sustainable development.

Outline syllabus

This is an indicative module outline only to give an indication of the sort of topics that may be covered. Actual sessions held may differ.

Indicative content:

1. An Introduction to Global Sustainable Development in Economics
How Do Economists Measure Sustainable Development?
2. The 'Fundamental' Determinants of Economic Development: The Debate
The Geography Hypothesis
The Institutional Hypothesis
3. Economics and the Environment
Economic Development, Poverty and Environmental Degradation
4. The Economic Case for Sustainable Development Intervention: Market Failure
Externalities. Human Capital Investment
The 'Tragedy of the Commons'. Environmental Quality
Risk and Uncertainty. Land Productivity
Asymmetric Information. Access to Credit. Governance Failure.
5. Is Globalisation Good or Bad for Development?

Learning outcomes

By the end of the module, students should be able to:

- Apply fundamental economic principles and techniques to the analysis of global sustainable development problems and describe how economic activity relates to social and environmental development
- Understand the basic measures of economic development, criticise these methods, and discuss the advantages and disadvantages of alternative frameworks to measure sustainable economic progress
- Understand some of the most important economic cases for sustainable development policy intervention, such as theories of externalities, theories of ethics and efficiency, game theoretical explanations of collective outcomes, theories of property rights and decision-making under risk and uncertainty
- Interpret abstract economic models and apply basic quantitative information about global sustainability towards explaining and evaluating policy design
- Demonstrate an ability to undertake independent learning and research.

Indicative reading list

[Reading lists can be found in Talis](#)

[Specific reading list for the module](#)

Research element

Students carry out independent research for the presentation and for their essays.

Interdisciplinary

This is a core module on the Global Sustainable Development course which adopts an interdisciplinary approach spanning the arts, humanities, social and natural sciences fields in order to engage with the major global challenges facing contemporary society, explore these 'big problems,' from a variety of perspectives and consider a range of possible solutions.

International

Case studies and examples from different geographical contexts.

Subject specific skills

Apply fundamental economic principles and techniques to the analysis of global sustainable development problems and describe how economic activity relates to social and environmental development.

Understand the basic measures of economic development, criticise these methods, and discuss the advantages and disadvantages of alternative frameworks to measure sustainable economic progress.

Understand some of the most important economic cases for sustainable development policy intervention, such as theories of externalities, theories of ethics and efficiency, game theoretical explanations of collective outcomes, theories of property rights and decision-making under risk and uncertainty.

Interpret abstract economic models and apply basic quantitative information about global sustainability towards explaining and evaluating policy design.

Transferable skills

Ability to undertake independent learning and research.

Study

Study time

Type	Required
Lectures	9 sessions of 1 hour (6%)
Seminars	9 sessions of 1 hour 30 minutes (9%)
Total	150 hours

Type	Required
Private study	52 hours 30 minutes (35%)
Assessment	75 hours (50%)
Total	150 hours

Private study description

Reading and preparation for workshops

Costs

No further costs have been identified for this module.

Assessment

You do not need to pass all assessment components to pass the module.

Students can register for this module without taking any assessment.

Assessment group D3

Weighting Study time Eligible for self-certification

Assessment component

Group presentation (in person)	20%	15 hours	No
Group presentation			

Reassessment component

Individual Pre-Recorded Presentation			Yes (extension)
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Assessment component

Essay	40%	30 hours	Yes (extension)
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Reassessment component is the same

Assessment component

Centrally-timetabled examination (Online)	40%	30 hours	No
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Weighting Study time Eligible for self-certification

2-hour online examination

~Platforms - AEP

- Online examination: No Answerbook required

Reassessment component is the same

Feedback on assessment

All feedback will be published on Tabula; individual consultations will be set up for face-to-face feedback.

[Past exam papers for GD104](#)

Availability

Post-requisite modules

If you pass this module, you can take:

- GD216-15 Good Governance and Sustainable Development

Courses

This module is Core for:

- Year 1 of UDIA-H1L8 Undergraduate Design and Global Sustainable Development
- Year 1 of UIPA-L1L8 Undergraduate Economic Studies and Global Sustainable Development
- Year 1 of UIPA-XL38 Undergraduate Education Studies and Global Sustainable Development
- Year 1 of UIPA-L8A1 Undergraduate Global Sustainable Development
- Year 1 of UIPA-L8N1 Undergraduate Global Sustainable Development and Business
- Year 1 of UIPA-R4L8 Undergraduate Hispanic Studies and Global Sustainable Development
- Year 1 of UIPA-V1L8 Undergraduate History and Global Sustainable Development
- Year 1 of UIPA-C1L8 Undergraduate Life Sciences and Global Sustainable Development
- Year 1 of UIPA-V5L8 Undergraduate Philosophy and Global Sustainable Development
- Year 1 of UIPA-L2L8 Undergraduate Politics, International Studies and Global Sustainable Development
- Year 1 of UIPA-C8L8 Undergraduate Psychology and Global Sustainable Development

- Year 1 of UIPA-L3L8 Undergraduate Sociology and Global Sustainable Development
- Year 1 of UIPA-W4L8 Undergraduate Theatre and Performance Studies and Global Sustainable Development