



## COURSE DESCRIPTION CARD - SYLLABUS

Course name

ECONOMICS OF SUSTAINABLE DEVELOPMENT

### Course

Proposed by Discipline

Management and Quality Studies

Type of studies

Doctoral School

Form of study

full-time

Year/Semester

II/3, III/5

Course offered in

English

Requirements

elective

### Number of hours

Lecture

4

Tutorials

Projects/seminars

### Number of credit points

1

### Lecturers

Responsible for the course/lecturer:

dr hab. inż. Marek Szczepański, prof. PUT

email: marek.szczepanski@put.poznan.pl

phone: +48 61 665 3393

Faculty of Engineering Management

Poznan University of Technology

ul. J. Rychlewskiego 2, 60-965 Poznan, Poland

Responsible for the course/lecturer:

### Prerequisites

Knowledge: student should have basic knowledge of economy and financial market.

Skills: student should be able to think independently and acquire knowledge from different sources, including electronic databases.

Social competencies: student should be able to work in team.

### Course objective

This course aims to provide students with a sound knowledge and understanding of the major results of economics of sustainable development, especially - to examine the interaction between the economy and environment, and to analyse the role and interests of different stakeholders (public authorities, businesses, individuals, etc.) and possible strategies for achieving future sustainability.



### Course-related learning outcomes

#### Knowledge

A PhD student who graduated from doctoral school knows and understands:

- 1) global achievements, covering theoretical foundations as well as general and selected specific issues that are relevant to scientific disciplines studied at the doctoral school, to the extent that enables revision of existing paradigms, [P8S\_WG/SzD\_W01]
- 2) fundamental dilemmas of the contemporary civilization connected with sustainable development, [P8S\_WK/SzD\_W05]
- 3) economic, legal, ethical and other vital conditions related to scientific activity [P8S\_WK/SzD\_W06]

#### Skills

A PhD student who graduated from doctoral school can:

- 1) critically analyze and assess scientific research results, work of experts and other creative activities together with their contribution into knowledge development, [P8S\_UW/SzD\_U02]
- 2) take part in scientific discourse. [P8S\_UK/SzD\_U07]

#### Social competences

A PhD student who graduated from doctoral school is ready to:

- 1) critically assess achievements within a given scientific discipline, [P8S\_KK/SzD\_K02]
- 2) fulfilling the social obligations of researchers and creators. [P8S\_KO/SzD\_K04]

### Methods for verifying learning outcomes and assessment criteria

Learning outcomes presented above are verified as follows:

PQF code	Methods for verification of learning outcomes	Assessment criteria
W01, W05, W06	Final test (via Ekurs) Participation in lectures	90% (10%)
U02, U07	Final test (via Ekurs) Participation in lectures	90% (10%)
K02, K04	Final test (via Ekurs) Participation in lectures	90% (10%)

### Programme content

1. The idea of sustainable and premanent development.
2. Economic policies for sustainable development.
3. Stustainable development a new paradigm in social sciences.
4. The role and interests of different stakeholders (public authorities, businesses, individuals, etc.), and possible strategies for achieving future sustainability.
5. Financing for sutainable development.



## Teaching methods

Lecture: multimedia presentation including illustrations and examples.

## Bibliography

### Basic

1. Aras, G., Crowther, D. 2009. Making sustainable development sustainable. *Management Decision*, 47(6), 975-988.
2. Blewitt, J. 2008. *Understanding Sustainable Development*, Earthscan, London, New York.
3. Elliott, J. 2012. *An Introduction to Sustainable Development*. London.

### Additional

1. Borowiecki, R., Siuta-Tokarska, B., Kusio, T. 2018. Zarządzanie na rzecz zrównoważonego i trwałego rozwoju – metaparadygmat nauk o zarządzaniu XXI wieku. *Ekonomika i Organizacja Przedsiębiorstwa*, 02(815), 28-43.
2. Human Development Report. *The next frontier: Human development and the Anthropocene*. 2020. United Nations Development Programme. New York
3. Jabareen, Y. 2008. A New Conceptual Framework for Sustainable Development, *Environment. Development and Sustainability*, 10, 179-192.

## Breakdown of average student's workload

	Hours	ECTS
Total workload	20	1.0
Classes requiring direct contact with the teacher	4	0.5
Student's own work (literature studies, preparation for tutorials, project preparation) <sup>1</sup>	16	0.5

<sup>1</sup> delete or add other activities as appropriate