



## COURSE DESCRIPTION CARD - SYLLABUS

Course name

CHOSEN ASPECTS OF ECONOMIC GROWTH AND ECONOMIC DEVELOPMENT

### Course

Proposed by Discipline

Management and quality studies

Type of studies

Doctoral School

Form of study

full-time

Year/Semester

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](mailto: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: knowledge of basic statistical methods for presentation and analysis of economic data; knowledge reliable sources of economic information (for example Eurostat, OECD, World Bank data bases).

Skills: ability to use critical literature analysis and basic statistical analysis method; ability to prepare presentations of economic trends (with the use of statistical programs and Power Point).

Social competencies: team work competence; self-control competence.

### Course objective

1) Presentation and discussion of classical and alternative indicators of economic activity.



- 2) Presentation and discussion of the problems of redistribution and inequalities in chosen countries.
- 3) Presentation and discussion of the demographic and ecological problems of economic development.
- 4) Presentation and discussion of the problems of sustainable socio-economic development.

### Course-related learning outcomes

#### Knowledge

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

- 1) key developmental trends of science disciplines in which education takes place at the doctoral school, [P8S\_WG/SzD\_W02]
- 2) 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) initiate debates, take part in scientific discourse. [P8S\_UK/SzD\_U06]

#### Social competences

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

- 1) critically assess the achievements within the scientific discipline, [P8S\_KK/SzD\_K01]
- 2) fulfilling the social obligations of researchers and creators, [P8S\_KO/SzD\_K04]
- 3) maintain and develop the ethos of research and creative communities, including:
  - conducting independent scientific activity,
  - respecting the principle of public ownership of the results of scientific activities, including the principles of intellectual property protection. [P8S\_KR/SzD\_K07]

### 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
W02, W06	Essay on chosen subject connected with the course.	Assessment of the work in terms of originality and methodological correctness (grade scale from 2,0 till 5,0). 60% of final grade.



U02, U06	Essay on chosen subject conneted with the course.	Assessment of work in terms of the ability to correctly prepare footnotes and bibliography (grade scale from 2,0 till 5,0). 30% of final grade.
K01, K04, K07	Participation and activity in lectures.	Assessment of work in terms of demonstrated social skills (ccoperation with the teacher and other university employees). 10% of final grade.

### Programme content

1. Classical and alternative indicators of economic activity (GDP and growth, Determinants, Development: economic indicators, social and political indicators (Human Development index, other indicators alternative to GDP/GNP, behavioral economics concepts concerning economic and social development).
2. Problems of redistribution and inequalities (Fair redistribution as an objective for policy, Income inequalities, Measures of poverty, Inclusive growth).
3. Demographic and ecological problems of economic development (The world population structure and impact of demographic processes on economic development, Ecological challenge for economic growth and development).
4. Sustainable development (Definition of sustainable development, Goals of sustainable development, Stakeholders engaged in susitainable development, Good practices).

### Teaching methods

Lecture: multimedia presentation including illustrations and examples.

### Bibliography

Basic

1. Mishkin, F. S., Macroeconomics: policy and practice, Pearson Educations, 2012.
2. Barro R.J., Sala-i-Martin X., Economic growth, MIT Press.



3. Knowledge based economy: A factor of competitiveness and economic growth, ed. By Runiewicz-Wardyn M., Academic and Professional Press: Leon Koźminski Academy of Entrepreneurship and Management, 2008 (electronic document available in the Main Library of Poznan University of Technology).

Additional

1. Stiglitz J.E., The Price of Inequality, Penguin Books, London 2013.
2. Thaler R.H., Misbehaving. The Making of Behavioural Economics, Penguin Books, London 2015.
3. Urban W., Social and managerial incentives to future economic growth, Vilnius Publishing House 2011.
4. Sustainable Development goals. Knowledge platform, <https://sustainabledevelopment.un.org/gsdr2019>
5. Sustainable development goals, European Commission, [https://ec.europa.eu/info/events/sustainable-development-goals\\_pl](https://ec.europa.eu/info/events/sustainable-development-goals_pl)

**Breakdown of average student's workload**

	Hours	ECTS
Total workload	25	1,0
Classes requiring direct contact with the teacher	10	0,5
Student's own work (literature studies, preparation for tutorials, project preparation) <sup>1</sup>	15	0,5

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