



COURSE DESCRIPTION CARD - SYLLABUS

Course name

ECONOMICS AND CONTEMPORARY CIVILIZATION CHALLENGES

Course

Proposed by Discipline

-

Year/Semester

I/2

Type of studies

Course offered in

Doctoral School

English

Form of study

Requirements

full-time

compulsory

Number of hours

Lecture

Tutorials

Projects/seminars

8

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: basic knowledge about statistics and methodology of researching social phenomena. Basic knowledge about the current state of the economy in the doctoral student's country of origin.

Skills: the ability to independently obtain statistical data and find indicators of the state of the economy in various types of sources (specialized databases of international organizations - OECD, World Bank etc., internet sources). The ability to use Excel and Statistica programs.

Social competencies: the ability to work in a team. Ability to work in a multi-cultural environment.

Communication skills (in English).



Course objective

The aim of the course is to familiarize the Ph.D. students with contemporary economic theories, as well as to explain the role of economic sciences in solving the most important civilization problems (counteracting further increasing of income inequalities - on local and global scale, transformation of national economies enabling the implementation of sustainable development goals (SDGs) and knowledge based economy).

Course-related learning outcomes

Knowledge

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

- 1) the world knowledge including theoretical basis, general and selected specific problems in the disciplines of the doctoral school to a degree permitting revision of the currently valid paradigms, [P8S_WG/SzD_W01]
- 2) fundamental dilemmas of contemporary civilization, [P8S_WK/SzD_W05]
- 3) economic, legal, ethical and other important conditions of research work. [P8S_WK/SzD_W06]

Skills

A PhD student who graduated from doctoral school can:

- 1) ability to critically analyze and evaluate of research work results, expert opinions and other works of creative character, and evaluate their contribution to the development of knowledge, [P8S_UW/SzD_U02]
- 2) ability to communicate on the subject of specialization to a degree permitting active participation in international scientific community, [P8S_UK/SzD_U04]
- 3) ability to participate in scientific discussions/discourse. [P8S_UK/SzD_U07]

Social competences

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

- 1) critically assess the achievements within a given scientific discipline, [P8S_KK/SzD_K01]
- 2) think and act in the business-like way, [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
W01, W05, W06	Essay on chosen subject conneted with the course	Assessment of work in terms of oryginality and methodoligal correctness (grade scale from 2.0 till 5.0). 60% of final grate
U02, U04, U07	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 (ccooperation with the teacher and other university employees). 10% of final grade

Programme content

1. Main stream and alternative conterporaty economic theories (neoclassical, neokeynesian, behavioral economics, new institutional economics).
2. Classical and alternative measures of socio-economic growth and well-being.
3. The role of economic sciences in Knowledge Based Economy.
4. Economic sciences in the face of main conpemporary civilization challenges (inequality, increasing income differentiation, sustainable growth).

Teaching methods

Lecture: multimedia presentation including illustrations and examples.

Bibliography

Basic

1. Mankiw Gregory N., Principles of Microeconomics, South-Western Cengage Learning, Mason OH 2008.



2. Pickerty Th., The Economics of inequality, Harvard University Press, 1997.
3. Pickerty Th., Capital in the 21st Century, Harvard University Press, 2014.
4. . Thaler R., Misbehaving. The Making of Bevarioral Economics, Penguin Books 2016.

Additional

1. Boarini R., Johanson A., d'Ercole M.M., Alternative Measures of Well Being, OECD, Paris 2006.
2. Behavioral Economics, <https://www.behavioraleconomics.com>.
3. Milewska A., Knowledge Based Economy: Opportunities and challenges, Proceedings of the 2018 International conference "Economic Sciences and Agrobusiness and rural Economy", no 2, Warsaw, 7-8 june 2018, p. 313-318.

Breakdown of average student's workload

	Hours	ECTS
Total workload	30	1.0
Classes requiring direct contact with the teacher	8	0.5
Student's own work (literature studies, preparation for tutorials, project preparation) ¹	22	0.5

¹ delete or add other activities as appropriate