



COURSE DESCRIPTION CARD - SYLLABUS

Course name

Economics and Organisation of Investment Process

Course

Field of study

Architecture

Area of study (specialization)

-

Level of study

First-cycle studies

Form of study

full-time

Year/Semester

III/6

Profile of study

general academic

Course offered in

polish/english

Requirements

compulsory

Number of hours

Lecture

15

Laboratory classes

0

Other (e.g. online)

Tutorials

0

Projects/seminars

0

Number of credit points

1

Lecturers

Responsible for the course/lecturer:

prof. dr hab. inż. Oleg Kapliński

email: oleg.kaplinski@put.poznan.pl

Responsible for the course/lecturer:

dr inż. arch. Wojciech Skórzewski

email: wojciech.skorzewski@put.poznan.pl

Prerequisites

- student has a basic knowledge about designing and investment process
- student has a basic knowledge and is aware of social, economic, organisational and legal circumstances of engineering and design activity
- student has a basic knowledge about life cycle of building objects
- student can use of the theoretical knowledge in practical design tasks
- student can think and act in an entrepreneurial manner
- student understands the need of lifelong learning and broadening the theoretical knowledge

Course objective

The objective of the course is the ability to solve basic economic problems in the investment process, gaining awareness of the importance of design decisions on costs in the life cycle of the building, practical evaluation of investment costs.



Course-related learning outcomes

Knowledge

B.W6. Investment economics and organization methods, the guideline of the design and investment process; basic principles of design and implementation quality management in the construction process

B.W7. Manners of communicating the idea of architectural, urban and planning designs and their development

Skills

B.U5. Make a preliminary economic analysis of planned engineering activities

B.U6. Apply standards and legal regulations in the field of architectural and urban design

Social competences

B.S2. reliable self-assessment, formulating constructive criticism regarding architectural and urban planning activities

Methods for verifying learning outcomes and assessment criteria

Learning outcomes presented above are verified as follows:

Summary evaluation: results of final test, announced at the beginning of the semester

Adopted grade scale:

2,0 (unsatisfactory)

3,0 (satisfactory)

3,5 (satisfactory plus)

4,0 (good)

4,5 (good plus)

5,0 (very good)

Programme content

Basic concepts, cost assessment of the design, stages of the investment process. Cost estimates: types, methods and basis for preparing. Pre-design phase: feasibility study. Tender documentation and procedure. Economic aspects of urban planning. Economics and energy efficiency in life cycle of the building.

Teaching methods

Lecture with multimedia presentation

eKursy (eLearning Moodle) – online system supporting the process of teaching and distant learning

Bibliography



Basic

1. Kowalczyk Z., Zabierski J. Kosztorysowanie i normowanie w budownictwie. WSIP, W-wa 2005.
2. Werner W. Proces inwestycyjny dla architektów. Oficyna Wydawnicza Politechniki Warszawskiej, 2012.
3. Werner W. Proces inwestycyjny dla architektów. Studium przypadku. Oficyna Wydawnicza Politechniki Warszawskiej, 1996.
4. Połowski M. (red.) Proces inwestycyjny i eksploatacja obiektów budowlanych. Wyd. SGGW, W-wa 2008.

Additional

1. Żywica R., Meszek W., Żywica A. Organizacja procesu inwestycyjnego. Wyd. Politechniki Poznańskiej, 2002.
2. Pastusiak R. Ocena efektywności inwestycji. Wyd. CeDeWu.PL, W-wa 2010.
3. Gawron H. Metody opłacalności inwestycji na rynku nieruchomości. Wyd. UE w Poznaniu, 2011.
4. Połowski M. (red.). Kierowanie budowlanym procesem inwestycyjnym. Wyd. SGGW, W-wa 2009.
5. Price databases in cost estimating of building developments.

Breakdown of average student's workload

	Hours	ECTS
Total workload	25	1
Classes requiring direct contact with the teacher	15	1
Student's own work (literature studies, preparation for laboratory classes/tutorials, preparation for tests/exam, project preparation) ¹		

¹ delete or add other activities as appropriate