



Construction Engineering and Management

Field of study: Civil Engineering



Course summary:

Semester 1

- Mathematics
- Energy Technology in Construction
- Information Technology in Construction
- Computational Mechanics
- Design of Structures
- Enterprise Management
- Engineering Entrepreneurship
- Flexibility in Engineering Design
- English for Construction Manager
- Introduction to project with Industry
- Transportation system management
- Practical Training
- Project with Industry

Semester 2

- Enterprise Management
- Elective humanistic and social I
- Construction Engineering
- Multidisciplinary Project
- Quality Management
- Construction Process Design
- English for Construction Manager
- Construction Technology
- Engineering Measurement
- Building prefabricated elements
- Physical Training

Semester 3

- Elective Subject I
- Elective Subject II
- Elective Humanistic and social II
- BIM Technology
- Diploma Seminar
- Preparation for Diploma Work

Programme description

A graduate of Master of Civil Engineering program is capable of exploring, executing and exploiting innovation in civil engineering based on system approach (information, energy, communication and transport systems).

General idea of this course is to: find innovation area in construction (first semester), generate and examine innovation options (second semester) and execute innovations (third semester).

This study is prepared in cooperation with leaders at the construction market (international corporations and SMEs) taking into consideration possibility to solve real life-based problems.

During the course of study students will be working in international teams which will prepare them to work in partner construction enterprises but also to continue their studies on a PhD level.

As a result of this programme the graduates could also create their own spin-off/start-ups.

This Master Programme is accredited by the Polish Association of Building Managers and the Association of European Building Surveyors and Building Experts.



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University	Poznan University of Technology Poznan, POLAND
Degree to be obtained	Master of Science
Programme website	http://www.put.edu.pl/
Contact	International Relations Office Pl. M. Skłodowskiej-Curie 5 60-965 Poznan, Poland
Phone	+48 61 665 3544
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Language of instruction	English
ECTS points	90
Duration	1.5 years (3 semesters)
Programme begins	end of February
Programme ends	end of June
Deadline for application	3 months before the course starts – end of November
Education requirements	English language – level B2 (Common European Framework), Bachelor of Science degree (or equivalent). Full list of the required documents is available at: https://www.put.poznan.pl/en
Mode of instruction	Lectures, classes, laboratory classes, projects, internships

