



# Structural Engineering

Field of study: Civil Engineering

## Course summary:

### Semester 1

- Mathematics
- Strength of Materials
- Elasticity and Plasticity
- Computational Mechanics
- Geotechnics
- Structural Analysis
- Plates and Shells
- Metal Structures
- Concrete Structures
- Foreign Language

### Semester 2

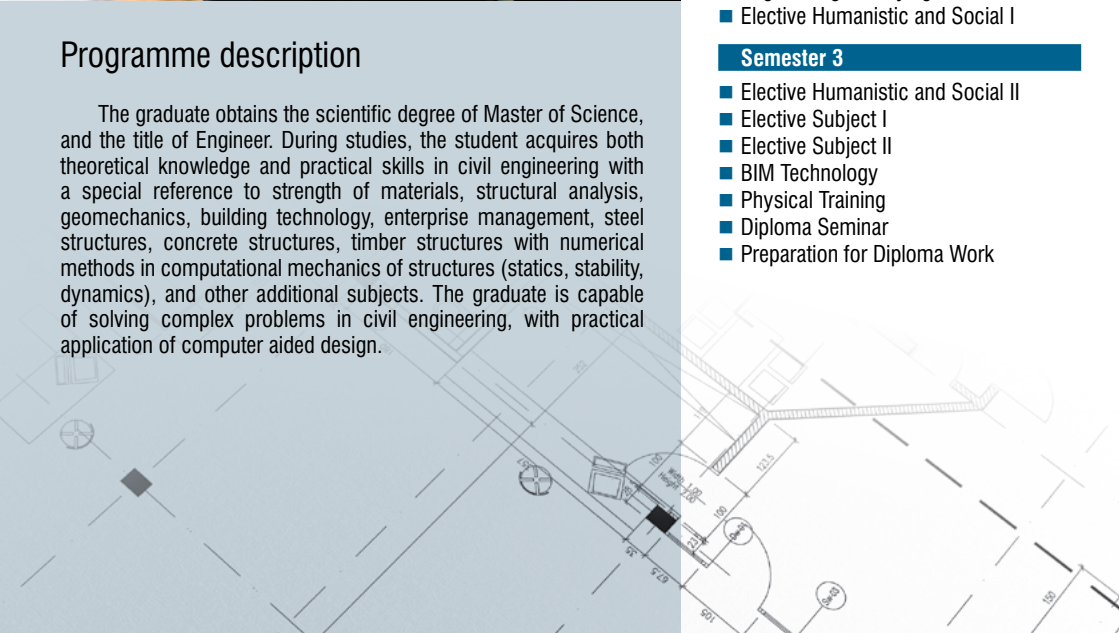
- Enterprise Management
- Construction Materials
- Numerical Analysis
- Construction Engineering
- Structural Dynamics
- Engineering Surveying
- Elective Humanistic and Social I

### Semester 3

- Elective Humanistic and Social II
- Elective Subject I
- Elective Subject II
- BIM Technology
- Physical Training
- Diploma Seminar
- Preparation for Diploma Work

## Programme description

The graduate obtains the scientific degree of Master of Science, and the title of Engineer. During studies, the student acquires both theoretical knowledge and practical skills in civil engineering with a special reference to strength of materials, structural analysis, geomechanics, building technology, enterprise management, steel structures, concrete structures, timber structures with numerical methods in computational mechanics of structures (statics, stability, dynamics), and other additional subjects. The graduate is capable of solving complex problems in civil engineering, with practical application of computer aided design.





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<b>University</b>	Poznan University of Technology Poznan, POLAND
<b>Degree to be obtained</b>	Master of Science
<b>Programme website</b>	<a href="https://www.put.poznan.pl/en">https://www.put.poznan.pl/en</a>
<b>Contact</b>	International Relations Office Piotrowo 5, room 101 61-138 Poznań, Poland
<b>Phone</b>	+48 61 665 3544
<b>Fax</b>	+48 61 665 3956
<b>E-mail</b>	<a href="mailto:study@put.poznan.pl">study@put.poznan.pl</a>
<b>Language of instruction</b>	English
<b>ECTS points</b>	90
<b>Duration</b>	1.5 years (3 semesters)
<b>Programme begins</b>	end of February
<b>Programme ends</b>	end of June
<b>Deadline for application</b>	3 months before the course starts – end of November
<b>Education requirements</b>	English language – level B2 (Common European Framework), Bachelor of Science degree (or equivalent). Full list of the required documents is available at: <a href="https://www.put.poznan.pl/en">https://www.put.poznan.pl/en</a>
<b>Mode of instruction</b>	Lectures, classes, laboratory classes, projects, internships

