



## COURSE DESCRIPTION CARD - SYLLABUS

Course name

Practice [N1IŚrod2>PZ]

### Course

Field of study

Environmental Engineering

Year/Semester

5/9

Area of study (specialization)

–

Profile of study

general academic

Level of study

first-cycle

Course offered in

Polish

Form of study

part-time

Requirements

compulsory

### Number of hours

Lecture

0

Laboratory classes

0

Other

120

Tutorials

0

Projects/seminars

0

### Number of credit points

5,00

### Coordinators

dr inż. Wojciech Góra

wojciech.gora@put.poznan.pl

### Lecturers

### Prerequisites

1. Knowledge: Relevant knowledge about environmental engineering, adequate to study field and level. 2. Skills: Engineering skills adequate to study field and level. 3. Social competencies: Awareness of environmental engineer role, responsibilities and professional ethics, both during building process and in society.

### Course objective

Practice in a company operating in the field of environmental engineering. Depending on the nature of the company: - familiarization with technical and budget documentation and its implementation on-site, - exploring technical details concerning engineering practice, in particular with current production methods, measurement and control techniques, quality control (BIM, BAT) - personal participation in production process, - recognizing legal and economic aspects of business activity, - familiarization with design process, building process, operation and management of technical installations.

### Course-related learning outcomes

Knowledge:

1. Knowledge about technical aspects of business activity in the area of environmental engineering.

2. Knowledge about legal and economic aspects of business activity.

Skills:

1. Working with technical documentation.
2. Planning production process, including health and safety concerns.
3. Organizing work and production process according to technical and legal requirements.

Social competences:

1. Awareness of responsibility associated with the profession of an engineer.
2. Ability to formulate opinions about building and other technical processes, based on one's knowledge.
3. Recognizing and respecting ethical commitments, serious attitude to public trust and obligations.

### Methods for verifying learning outcomes and assessment criteria

Learning outcomes presented above are verified as follows:

Obligatory practice journal (daily entry).

Written testimonial by the company that the practice took place (with relevant personal data and dates).

2

Written references from the supervisor assigned by the company.

Presenting an oral report at a meeting with the teacher

### Programme content

Student practice can take place in various companies working in environmental engineering (engineering team, design team, construction company, water distribution company, production facility, laboratory, university). The scope of activity should be relevant to the study field.

### Course topics

none

### Teaching methods

none

### Bibliography

Basic:

1. <https://bis.put.poznan.pl/praktyki-obowiazkowe/>
2. [https://bis.put.poznan.pl/wp-content/uploads/2018/02/Reg\\_praktyk\\_stud\\_v5\\_2016\\_zal.pdf](https://bis.put.poznan.pl/wp-content/uploads/2018/02/Reg_praktyk_stud_v5_2016_zal.pdf)
3. <https://cpk.put.poznan.pl/page/3/dla-studenta>

Additional:

-

### Breakdown of average student's workload

	Hours	ECTS
Total workload	125	5,00
Classes requiring direct contact with the teacher	5	0,50
Student's own work (literature studies, preparation for laboratory classes/ tutorials, preparation for tests/exam, project preparation)	0	0,00