

Title Field training in geotechnical engineering	Code 1010101141010120043
Field Civil Engineering First-cycle Studies	Year / Semester 2 / 4
Specialty -	Course core
Hours Lectures: - Classes: 2 Laboratory: - Projects / seminars: -	Number of credits 2
	Language polish

Lecturer:

dr inż. Sławomir Janiński, Instytut Inżynierii Lądowej, 61-138 Poznań, ul. Piotrowo 5, 6652-433, slawomir.janinski@put.poznan.pl

Faculty:

Faculty of Civil and Environmental Engineering
ul. Piotrowo 5
60-965 Poznań
tel. (061) 665-2413, fax. (061) 665-2444
e-mail: office_dceef@put.poznan.pl

Status of the course in the study program:

-after 4th semestr, I degree studies, Civil Engineering

Assumptions and objectives of the course:

- learning about the geomorphology of Poznań area and the surroundings;
- learning about principles of the elaboration of geotechnical documentations;
- learning about individual execution of basic geotechnical site and laboratory investigations;
- learning about foundation analysis studies based on results of executed investigations;
- learning about the preparation of presentations on a selected geotechnical topic;
- gaining knowledge on selected techniques of earth works and foundation works.

Contents of the course (course description):

- participation in site visits and technical excursions;
- individual execution of basic geotechnical investigations;
- participation on the presentation of geotechnical testing equipment;
- elaboration of a geotechnical documentation;
- analysis of a obtained results of the geotechnical investigations;
- preparation of a presentation on a selected geotechnical topic.

Introductory courses and the required pre-knowledge:

- knowledge from the engineering geology (semestr 3) and soil mechanics and foundation engineering courses (semesters 3 and 4).

Courses form and teaching methods:

- site and laboratory activities.

Form and terms of complete the course - requirements and assessment methods:

- presence during all activities;
- evaluation of the individually elaborated documentation;
- evaluation of the prepared presentation of selected geotechnical topic.

Basic Bibliography:

Additional Bibliography: