

<b>Course title</b> Ocena oddziaływania na środowisko/Assessment of influences upon the environment		<b>ECTS code</b> 7.2.0491	
<b>Name of unit administrating study</b>  <b>Faculty of Chemistry</b>			
<b>Studies</b>			
<b>Field of study</b>	<b>Type</b>	<b>Form</b>	
Environmental Protection	Bachelor	Full-time studies	
<b>Teaching staff</b> Dr Małgorzata Szymańska-Brałkowska			
<b>Forms of classes, the realization and number of hours</b>		<b>ECTS credits</b>	
<b>A. Forms of classes, in accordance with the UG Rector's regulations</b> Lecture, auditorium classes		15 h lecture - 0,5 ECTS 15 h audytorium classes - 0,5 ECTS 15 h tutorial classes - 0,5 ECTS 15 h student's own work - 0,5 ECTS	
<b>B. The realization of activities</b> In-class learning		TOTAL: 60 h - 2 ECTS	
<b>C. Number of hours</b> Lecture 15 h., audytorium classes 15 h			
<b>The academic cycle</b> 2020/2021 summer semester			
<b>Type of course</b> obligatory		<b>Language of instruction</b> Polish	
<b>Teaching methods</b>  Lectures with multimedia presentation Case studies, projects The analysis of the case studies Teamwork (work in teams) Analysis of texts with discussion Discussion		<b>Form and method of assessment and basic criteria for evaluation or examination requirements</b>  <b>A. Final evaluation, in accordance with the UG study regulations</b> Course completion (with a grade)  <b>B. Assessment methods</b>  Written test with open questions and tasks.  <b>The basic criteria for evaluation</b>  Written test with open questions and tasks, simulations and case studies during the term. The final evaluation based on the grading scale given in the Study Regulations. Additional written test for the students that have not succeed during first attempt.	
<b>Required courses and introductory requirements</b> <b>A. Formal requirements</b> none <b>B. Prerequisites</b> the basics of environmental protection, the basic concepts of the environmental protection law			
<b>Aims of education</b> The general aim:			

Transferring the knowledge to the students in the field of the procedures of the assessment of influences upon the environment.

Specific aims:

The principles of environmental protection and the assessment of influences upon the environment. Origin and the nature of the proceedings in the assessment of influences upon the environment. The strategic procedure, the assessment of influences of projects upon the environment and on Natura 2000 areas.

#### **Course content**

A. The content of the lectures:

1. The principles of environmental protection and the assessment of influences upon the environment.
2. Origin and the nature of the proceedings in the assessment of influences upon the environment.
3. The proceedings in the assessment of influences upon the environment (the strategic procedure, the assessment of influences of projects upon the environment and on Natura 2000 areas).
4. The proceedings in the assessment of influences upon the environment (transboundary impact).
5. The decision on environmental conditions (proceedings for issuing a decision, parties, deadlines).
6. Public participation in the procedure.
7. The methods and tools (such as; screening, scoping, checklists, preparing variants, Leopold matrix).

B. The content of the classes:

Creating a model procedure on the assessment of influences upon the environment based on information in reports of selected investments. The analysis of selected investments and case studies (screening, scoping, preparing variants, checklists, Leopold matrix).

#### **Bibliography of literature**

**Litrature required to pass the course:**

1. Robaszewska R., Płoszka M., Kałuża D., Wach P., Decyzje środowiskowe, Wolters Kluwer, Warszawa 2015.
2. Ciechanowicz-McLean J., Prawo ochrony i zarządzania środowiskiem, Difin, Warszawa 2015.
3. Federczyk W., Foger A., Kosieradzka-Federczyk A., Prawo ochrony środowiska w procesie inwestycyjno-budowlanym, Wolters Kluwer, Warszawa 2015.
4. Rakoczy B., Wierzbowski B., Prawo ochrony środowiska. Zagadnienia podstawowe, Wolters Kluwer, Warszawa 2015.
5. Poskrobko B., Poskrobko T., Zarządzanie środowiskiem w Polsce, PWE, Warszawa 2012.
6. Pchałek M., Behnke M., Postępowanie w sprawie oceny oddziaływania na środowisko w prawie polskim i UE, C.H. Beck, 2009.

#### **Extracurricular readings**

1. Rogall H., Ekonomia Zrównoważonego rozwoju. Teoria i praktyka, Wydawnictwo Zys i S-ka, Poznań 2010.

A. 3. Glick, B.R., Pasternak, J.J., Patten, C.L.: Molecular biotechnology: Principles and applications of recombinant DNA. 2009