

<b>Course title</b> Seminarium inżynierskie - Chemia / Engineering seminar - chemistry		<b>ECTS code</b> 13.3.0747	
<b>Name of unit administrating study</b> Faculty of Chemistry			
<b>Studies</b>			
<b>Field of study</b>	<b>Type</b>	<b>Form</b>	
Chemical Business	Bachelor / Engineer	Full-time studies	
<b>Teaching staff</b> Prtof. dr hab. inż. Adriana Zaleska			
<b>Forms of classes, the realization and number of hours</b>		<b>ECTS credits</b> 3	
<b>A. Forms of classes, in accordance with the UG Rector's regulations</b> seminar		classes - 30 h tutorial classes – 15 h student's own work – 30 h	
<b>B. The realization of activities</b> in-class learning		Total: 75 h - 3 ECTS	
<b>C. Number of hours</b> 30 h seminar			
<b>The academic cycle</b> Fourth year, winter semester			
<b>Type of course</b> obligatory		<b>Language of instruction</b> Polish	
<b>Teaching methods</b>  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> Preparation of semestral work – project or presentation	
		<b>C. The basic criteria for evaluation or exam requirements</b> <ul style="list-style-type: none"> <li>• According to the UG Study Regulatory;</li> <li>• Conditions to obtain a positive grade: min. 51% of possible points, including the preparation of diploma project</li> <li>• Negative grade could be improved based on the preparation and presentation of additional work.</li> </ul>	
<b>Required courses and introductory requirements</b>  Completed courses of obligatory subjets provided in program of Chemistry (University of Gdansk) in I to VI semesters Knowledge of the principles of organic chemistry, physical chemistry and biochemistry at the 1 <sup>st</sup> level study, ability to use basic software packages (including text editors and multimedia presentation preparations), basic knowledge of English			
<b>Aims of education</b> <ol style="list-style-type: none"> <li>1. Preparation of students for the diploma project and master thesis defense</li> <li>2. Supporting and monitoring of diploma project conducting</li> <li>3. Developing the ability to understand scientific texts in the field of chemistry at the basic level in Polish and English</li> <li>4. Developing the skills of independent selection of scientific sources and searching for necessary information in them</li> </ol>			
<b>Course contents</b> <ol style="list-style-type: none"> <li>1. Rules for the proper preparation and editing of diploma thesis in the field of natural science</li> <li>2. Literature databases in life science and ways to use them</li> <li>3. Methods of searching for information in literature data</li> <li>4. Analysis of scientific texts on the examples of publications in a foreign language</li> <li>5. Rules for the preparation and presentation of public speeches</li> </ol>			

**Bibliography of literature****A. Literature required to pass the course**

Monographic works provided by assistants leading classes

**B. Extracurricular readings****Knowledge**

Lists the most important literature database in the field of natural science

Describes the principles of preparation and delivering of oral presentations at popular science level

Describes the basic principles of preparation of scientific works in the field of natural science

**Skills**

Uses the databases independently and critically selects the source texts for a given or selected topics;

Reads with understanding, analyzes and evaluates simple scientific texts in Polish and English

Prepares a presentation on a specific problem in the field of studied scientific discipline and chosen specialization

Has the ability to prepare an oral presentation on a given subject in the Polish language

Discusses the subject presented during the presentation of his/her own or someone else's.

**Social competence**

Keeps criticism in expressing opinions and keeps open to the opinion of others contributors

Is active in enhancing of knowledge and understands the needs of long life learning