

STUDY MODULE DESCRIPTION FORM		
Name of the module/subject Diploma Seminar		Code 1010702231010720029
Field of study Chemical Technology	Profile of study (general academic, practical) (brak)	Year /Semester 2 / 3
Elective path/specialty Organic Technology	Subject offered in: Polish	Course (compulsory, elective) obligatory
Cycle of study: Second-cycle studies	Form of study (full-time, part-time) full-time	
No. of hours Lecture: - Classes: - Laboratory: - Project/seminars: 2		No. of credits 3
Status of the course in the study program (Basic, major, other) (brak)		(university-wide, from another field) (brak)
Education areas and fields of science and art technical sciences Technical sciences		ECTS distribution (number and %) 3 100% 3 100%
Responsible for subject / lecturer: prof. dr hab. inż. Juliusz Pernak email: juliusz.pernak@put.poznan.pl tel. (61)6653682 Wydział Technologii Chemicznej ul. Piotrowo 3, 60-965 Poznań		
Prerequisites in terms of knowledge, skills and social competencies:		
1	Knowledge	Student has expanded and established expertise in the field of chemical technology.
2	Skills	Student can obtain information from literature, databases and other sources, can interpret the information, draw conclusions and formulate opinions.
3	Social competencies	Student can prioritize appropriately used to perform designated tasks. Student can interact and work in a group.
Assumptions and objectives of the course: Obtaining knowledge about the basics of scientific research, development, and of referring to the test results, especially in the form of a thesis and an oral presentation. Mastering the skills of scientific discussion.		
Study outcomes and reference to the educational results for a field of study		
Knowledge:		
1. Student has a well-established and expanded knowledge of the chosen specialty. - [K_W11]		
Skills:		
1. Student has the ability to obtain and critically evaluate information from literature, databases and other sources and to formulate on the basis of opinions and reports. - [K_U01]		
2. Has the ability to present a professional research results in the form of a report, dissertation or presentation. - [K_U06]		
Social competencies:		
1. It has formed awareness of the limitations of science and technology related to chemical technology. - [K_K02]		
Assessment methods of study outcomes		
Current rating actions (presentation, graphics, presented the results of substantive value, ability to answer questions).		
Course description		

<p>The structure of experimental research: a review of literature, formulation of the research, part of the experimental (description of the apparatus, reagents, materials, test methods), to present and discuss the results and conclusions. Discussion of the problem of plagiarism and academic fraud.</p> <p>The structure of scientific oral presentations: a brief introduction, the purpose of research, synthetic discussion of the results and conclusions.</p> <p>Scientific discussion: the ability to formulate questions, answers to frequently asked questions.</p> <p>Overview of the work at different degree levels.</p>		
<p>Basic bibliography:</p> <p>1. Literature set of tutor, verified during the presentation work.</p>		
<p>Additional bibliography:</p>		
<p>Result of average student's workload</p>		
<p>Activity</p>		<p>Time (working hours)</p>
<p>1. Participation in the project activities</p>		<p>30</p>
<p>2. Prepare a multimedia presentation</p>		<p>15</p>
<p>3. Participation in the consultation</p>		<p>30</p>
<p>Student's workload</p>		
<p>Source of workload</p>	<p>hours</p>	<p>ECTS</p>
<p>Total workload</p>	<p>75</p>	<p>3</p>
<p>Contact hours</p>	<p>45</p>	<p>2</p>
<p>Practical activities</p>	<p>30</p>	<p>1</p>