

<b>STUDY MODULE DESCRIPTION FORM</b>		
Name of the module/subject <b>Law Aspects of Environmental Protection</b>		Code <b>1010701331010710051</b>
Field of study <b>Environmental Protection Technologies</b>	Profile of study (general academic, practical) <b>(brak)</b>	Year /Semester <b>2 / 3</b>
Elective path/specialty <b>-</b>	Subject offered in: <b>Polish</b>	Course (compulsory, elective) <b>obligatory</b>
Cycle of study: <b>First-cycle studies</b>	Form of study (full-time, part-time) <b>full-time</b>	
No. of hours Lecture: <b>30</b> Classes: <b>-</b> Laboratory: <b>-</b> Project/seminars: <b>-</b>		No. of credits <b>2</b>
Status of the course in the study program (Basic, major, other) <b>(brak)</b>		(university-wide, from another field) <b>(brak)</b>
Education areas and fields of science and art <b>technical sciences</b>		ECTS distribution (number and %) <b>2 100%</b>
<b>Responsible for subject / lecturer:</b>  dr inż. Ewa Nowak email: ewa.nowak@put.poznan.pl tel. 6652806 Faculty of Chemical Technology ul. Piotrowo 3 60-965 Poznań		
<b>Prerequisites in terms of knowledge, skills and social competencies:</b>		
1	<b>Knowledge</b>	The student has a basic general knowledge of chemistry, biology and geography needed when discussing conservation, climate, dust and gas emission into the air as the components of the env. prote.  He has knowledge of mathematics, useful for solving issues of env. prote., e.g. dust and gas emission concentrations limit in the air, sewage discharged into water, etc.
2	<b>Skills</b>	The student has the ability to acquire the necessary information from the literature database.
3	<b>Social competencies</b>	The student understands the need for further education.
<b>Assumptions and objectives of the course:</b> Knowing the history, structure, departments and the organization of environmental law in Poland and in the world.		
<b>Study outcomes and reference to the educational results for a field of study</b>		
<b>Knowledge:</b>		
1. The student: Defines the meaning of the words: environment, env. prote. and its components (branches). - [K_W04,K_W05]		
2. Is able to explain the concept of the history and development of the environmental protection. - [K_W06,K_W07,K_W08,K_W11]		
3. Knows the scope, structure and the organization of environmental law in Poland and in the world. - [K_W09,K_W10,K_W14]		
4. Knows the limitations in doing business caused by env. prote. - [K_W04,K_W05,K_W15,K_W16]		
<b>Skills:</b>		

1. The student: Interprets the information obtained, justifies and draws conclusions. - [K_U01] 2. Searches for, selects and compares the relevant legal acts. - [K_U01] 3. Creates a documented paper on the given problem using the above-mentioned skills. - [K_U03,K_U04,K_U08] 4. Prepares oral multimedia presentation on a specific issue. - [K_U05] 5. Organizes learning process in the particular area topic. - [K_U06] 6. Is able to plan, interpret and carry out experiments and simulations. - [K_U07,K_U10,K_U11,K_U12,K_U13] 7. Is prepared for work in industry, knows the safety rules related to work. - [K_U10,K_U14,K_U15] 8. Can estimate the economic costs of the action taken. - [K_U11,K_U12,K_U13,K_U15] 9. Outlines the needs, analyzes, plans and carries out the process of obtaining the relevant permission concerning env. prote. needed for the functioning of a particular installation and technological process. - [K_U16,K_U18] 10. Can design a technological process. - [K_U19]
<b>Social competencies:</b>
1. The student: Is willing to organize the learning process individually and in groups. - [K_K01,K_K03] 2. Is aware of the seriousness of the problems relating to env. prote. matters. - [K_K02] 3. Is able to prioritize and the forward-thinking in terms of env. prote. within the scope of his professional duties. - [K_K04,K_K05,K_K06]

<b>Assessment methods of study outcomes</b>		
Current control during lectures, checking basic general knowledge of the subject in the form of a test.		
<b>Course description</b>		
General knowledge (basic terms, concepts and principles of environmental law;Historical development and legal instruments of environmental law;Access to environmental information and public participation;Administration of env. prote.);Water and soil protection (general knowledge, pollutants, licences);Waste (general knowledge);Air protection,noise,vibration,radiation (standards,licences,records);Env. prote. vs economic instruments, liability (fees, penalties, funds).		
<b>Basic bibliography:</b>		
1. J. Jendroška, M. Bar, Prawo ochrony środowiska. Podręcznik, Centrum Prawa Ekologicznego,Wrocław 2005 2. Z. Bukowski, Wybrane zagadnienia zrównoważonego rozwoju w prawie ochrony środowiska,Wyższa Szkoła Biznesu w Pile, Piła 2002 3. J. Boć, J. Jendroška, Ustawa-Prawo ochrony środowiska. Komentarz, Centrum Prawa Ekologicznego, Wrocław 2001 4. Ustawa Prawo ochrony środowiska		
<b>Additional bibliography:</b>		
1. www.mos.gov.pl 2. www.gios.gov.pl		
<b>Result of average student's workload</b>		
Activity	Time (working hours)	
1. Preparation for test	10	
2. Preparation for lectures	5	
3. Participation in lectures	30	
4. Participation in consultation	5	
<b>Student's workload</b>		
Source of workload	hours	ECTS
Total workload	50	2
Contact hours	35	1
Practical activities	5	0