

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

1. The student interprets the information obtained, justifies and draws conclusions. - [K_U01] 2. The student searches for, selects and compares the relevant legal acts. - [K_U01] 3. The student creates a documented paper on the given problem using the above-mentioned skills. - [K_U03,K_U04,K_U08] 4. The student prepares oral multimedia presentation on a specific issue. - [K_U05] 5. The student organizes learning process in the particular area topic. - [K_U06] 6. The student is able to plan, interpret and carry out experiments and simulations. - [K_U07,K_U10,K_U11,K_U12,K_U13] 7. The student is prepared for work in industry, knows the safety rules related to work. - [K_U10,K_U14,K_U15] 8. The student can estimate the economic costs of the action taken. - [K_U11,K_U12,K_U13,K_U15] 9. The student 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. The student can design a technological process. - [K_U19]
Social competencies:
1. The student is willing to organize the learning process individually and in groups. - [K_K01,K_K03] 2. The student is aware of the seriousness of the problems relating to env. prote. matters. - [K_K02] 3. The student 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]

Assessment methods of study outcomes		
Current control during lectures, checking basic general knowledge of the subject in the form of a test.		
Course description		
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)		
Basic bibliography:		
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		
Additional bibliography:		
1. www.mos.gov.pl 2. www.gios.gov.pl		
Result of average student's workload		
Activity	Time (working hours)	
1. Preparation for test	10	
2. Preparation for lectures	5	
3. Participation in lectures	30	
4. Participation in consultation	5	
Student's workload		
Source of workload	hours	ECTS
Total workload	50	2
Contact hours	35	1
Practical activities	5	0