GDAŃSK UNIVERSITY OF TECHNOLOGY

Subject card

Subject name and code	Environmental legislation, PG_00057782		
Field of study	Green Technologies		
Date of commencement of studies	October 2024	Academic year of realisation of subject	2025/2026
Education level	first-cycle studies	Subject group	Obligatory subject group in the field of study Humanistic-social subject group
Mode of study	Full-time studies	Mode of delivery	at the university
Year of study	2	Language of instruction	English
Semester of study	4	ECTS credits	3.0
Learning profile	general academic profile	Assessment form	assessment
Conducting unit	Department of Process Engineering and Chemical Technology -> Faculty of Chemistry -> Faculties of Gdańsk University of Technology		
Name and surname of lecturer (lecturers)	Subject supervisor	prof. dr hab. inż. Anna Zielińska-Jurek	
	Teachers	dr inż. Aleksandra Małachowska prof. dr hab. inż. Anna Zielińska-Jurek dr inż. Natalia Łukasik	

Lesson types

Lesson type	Lecture	Tutorial	Laboratory	Project	Seminar	SUM
Number of study hours	30.0	0.0	0.0	0.0	0.0	30

E-learning hours included: 0.0

eNauczanie source address: https://enauczanie.pg.edu.pl/2025/course/view.php?id=5955

Moodle ID: 5955 Environmental legislation https://enauczanie.pg.edu.pl/2025/course/view.php?id=5955

Learning activity and number of study hours

Learning activity	Participation in didactic classes included in study plan	Participation in consultation hours	Self-study	SUM
Number of study hours	30	5.0	40.0	75

Subject objectives

The course aims to provide students with a comprehensive understanding of the legal framework governing environmental protection, including environmental policy, regulatory instruments, administrative procedures, public participation mechanisms, and legal responsibilities related to environmental management. The course develops the ability to identify and interpret environmental regulations and to consider legal aspects in engineering and environmental decision-making processes.

Learning outcomes

Course outcome	Subject outcome	Method of verification
[K6_W05] has an elementary knowledge of the fundamental concepts and problems of quality management, the general principles of creation and development of forms of individual entrepreneurship, application of the principles of work organization and integrated management, basic principles of quality control and analysis results; knowledge of basic legal aspects relating to the management of chemicals with particular emphasis on compounds polluting the environment and business, knows and understands the basic concepts and principles of the protection of industrial property and copyright and the need for management of intellectual property.	knows the fundamental concepts, principles, and legal instruments of environmental protection law and understands legal requirements related to pollution prevention, protection of environmental components, and liability for violations of environmental regulations.	[SW1] Assessment of factual knowledge
[K6_U04] capable of formulating and solving design tasks in the field of environmental technology to recognize their non-technical aspects, including environmental, economic and legal. Is capable of applying the principles of occupational health and safety. Is able to make initial assessment of engineering solutions and actions	is able to identify and analyse the legal aspects of environmental protection activities and projects, taking into account the requirements arising from environmental legislation.	[SU1] Assessment of task fulfilment
[K6_K02] is aware of the social role of a technical college graduate, take the reflections on the ethical, scientific and social aspects of the work performed, understands the need to promote, formulating and providing the public with information and opinions concerning the activities of the profession of engineer.	recognizes the social and ethical responsibilities of engineers in environmental protection and understands the importance of communicating environmental issues and legal requirements to stakeholders and society.	[SK1] Assessment of group work skills [SK2] Assessment of progress of work

Subject contents

Course content – lecture
I. The Environment as an Object of Legal Protection
II. Environmental Protection: Objectives and Functions
  a) Areas of protection
  b) Scope of protection
III. National Environmental Policy and Environmental Protection Programmes
IV. Environmental Protection in the Constitution of the Republic of Poland
V. Public Participation in Environmental Protection Procedures
VI. Environmental Protection Authorities
VII. Prevention and Control of Environmental Pollution
VIII. Liability in Environmental Protection
  a) Civil liability
  b) Criminal liability
  c) Administrative liability
IX. Land Protection
X. Air Pollution Control and Air Protection
XI. Water Protection
XII. Nature Conservation

Prerequisites and co-requisites

Assessment methods and criteria

Subject passing criteria	Passing threshold	Percentage of the final grade
Final assessment	60.0%	100.0%

Recommended reading

Basic literature	• Environmental Law by Stuart Bell, Donald McGillivray, and Ole W. Pedersen. • Principles of Environmental Law by Ludwig Krämer. • EU Environmental Law by Maria Lee. • Environmental Law and Policy by Richard L. Revesz and Michael A. Livermore.
Supplementary literature	Selected legal acts of the European Union e.g. Directive (EU) 2024/3019
eResources addresses	

Example issues/ example questions/ tasks being completed	Discuss the responsibilities of industrial operators Are current environmental regulations sufficiently effective in preventing pollution? Should public participation have a greater influence on environmental decision-making? Is environmental liability an effective tool for protecting the environment? Can sustainable development be achieved without strict environmental legislation? Case-study analysis, worksheet-based problem solving, and moderated debates on environmental law issues, including environmental impact assessment, pollution prevention, environmental liability, public participation, and protection of natural resources.
Practical activites within the subject	Not applicable

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