Postgraduate Studies Program
“ENVIRONMENTAL ENGINEERING”

Specialization:
1. WRC: WATER RESOURCES AND CLIMATE CHANGE
2. WWT: WATER AND WASTE TREATMENT
3. SEC: ENVIRONMENTAL MANAGEMENT, SUSTAINABLE ENERGY AND CLIMATE CHANGE

Code: GEN 01 Course: Environmental Law and Sustainable Development

Required: Elective: X

Instructor: Associate Professor Efpraxia (Aithra) MARIA

Bibliography

Course objectives
The core objective of the course is to help graduate students understand the role and the challenges of environmental law in the context of sustainable development. To that end this course, which is offered to graduate students of all cycles, will provide them with: a) a sound conceptual understanding of the purpose, content, functional levels and principles of environmental law, b) an overview of the evolution of theoretical
approaches concerning the relationship between environmental law and sustainable development, c) an in-depth analysis of the sustainable development principle, its integration in international, EU and national legislative tools as well as its interpretation in case-law. In addition, the course explores global environmental issues such as agro-biodiversity, water & waste management, Renewable Energy Sources from the perspective of sustainable development. Graduate students will gain familiarity with important leadership concepts of environmental law and sustainable development via theory, legislation as well as case studies.

Syllabus
A. First topic
1st week:
The notion of the environment. Content, types and characteristics of environmental insults. The role of the law in the environmental protection. Levels of environmental law: international, European Union and national environmental law.
2nd week:
The case-law contribution (national and EU) to the protection of the asset “environment”.
3rd week:
Principles of environmental law

B. Second topic
4th week:
The relationship between environmental protection and economic development. Theoretical considerations on their interrelationship. Concept and content of sustainable development.
5th week:
The history and development of the sustainable development principle, its integration into international, EU and national legislative tools and its interpretation in case-law.

C. Third topic
Specialization of the sustainable development principle in specific areas:
6th & 7th week:
Biodiversity protection - Agro-biodiversity
8th & 9th week:
Water protection and management
10th & 11th week:
Waste protection and management
12th & 13th week:
Renewable Energy Sources

Student evaluation
1. Four (4) presentations (articles & case-law) & class contribution (30 %)
2. Research Essay (50 %)
3. Final exams (20 %)