

# SUSTAINABLE DEVELOPMENT

(Management and environmental protection, 1<sup>st</sup> Year of study, 1<sup>st</sup> Semester)

**Credit value (ECTS): 7**

**Course category: Further study (mandatory)**

**Course holder: Assist. Prof. Georgiana-Diana GABUR, PhD**

## Objectives of the discipline (course and practical activity)

The discipline *Sustainable Development* aims to provide students with expert information on the use of material resources, human resources and financial resources in such a way that, in the long term, the environment is as little affected as possible and living standards are optimized.

Specific objectives:

- Awareness of the need for Sustainable Development.
- Utilization of the main databases related to normative acts regulating the Environmental Legislation in Romania and the European Union in order to identify the most important relevant rules for various concrete aspects of the functioning of environmental institutions and/or administrative structures in the field of Environment. Elaboration of projects to improve communication in the field, capitalizing on existing good practices at European level.
- Drafting different types of administrative acts in relation with the Environment Agency.

## Contents (syllabus)

Course (chapters/subchapters)
1. Sustainable development a new concept of development. Introduction to environmental protection. Concept of environment (atmosphere, soil, subsoil, water, pollution, waste). The concept of natural resources.
2. Environmental protection and sustainable development in the international arena. Formation and development of International Environmental Protection Legislation European Green Deal. Ethical principles in environmental legislation
3. Legal report on the protection of abiotic environmental factors. Areas of Environmental Protection. Environmental Law and Water. Environmental Law and Air (Atmosphere). Environmental Law on Soil and Subsoil.
4. Bioavailability of persistent soil pollutants in relation to their uptake by plants. Monitoring soil pollutants by plants
5. Legal relations on the protection of natural resources and sustainable biodiversity conservation. Legal Regulations for Sustainable Environmental Development. Legal Regulations for the Protection and Sustainable Development of Agriculture (Legal Regime on Organic Farming and Plant Protection Substances). Protection and sustainable development of forest and other terrestrial vegetation. Specific regulations for inventory, classification, protection and conservation of natural areas.
6. Pollution and waste. International legislation on the movement of toxic waste. Community legal regime on waste. Romanian waste legislation.
7. Procedures for regulating human and economic activities having an impact on the environment. Regulatory institutions of the European Union in the environmental field. European normative acts (Regulations, Directives, etc.) in the environmental field. Regulatory and control institutions in the environmental field in Romania. Administrative authorization acts in the environmental field.

8. Environmental law on chemicals, chemical preparations and wastes of all kinds. Legal regime of hazardous chemicals and preparations in international, Community and national law. Regulation of nuclear activities in international, Community and national law. Legal status of narcotic drugs and other psychotropic substances.
9. Quality of life and environmental quality.
10. Carbon footprint and circular economy.
11. Summary lecture, general conclusions. Discussion.

Practical activity
1. Globalization, pollution and Sustainable Development. The concept of environmental information: Access; Public concerned; Environmental information between public and transparency.
2. The concept of sustainable development and environmental legislation
3. Right of association in environmental protection organizations. Public consultation in the Environmental Decision
4. Pollution and implications for society
5. Ministry of Environment / Environment Agency / Environment Guard. Environmental Agreement, Environmental Authorization, Integrated Environmental Authorization
6. Regulations on air, water, soil and subsoil protection. Regulations on waste classification. Classification, labeling, transport, storage, handling of chemicals and hazardous products
7. Protected areas (Danube Delta, National Parks, reserves, etc.)
8. The waste pyramid between economic progress and environmental protection
9. Carbon footprint and circular economy
10. Colloquium

## Bibliography

- Alpopi C. - Dezvoltare Durabilă, Editura ACCENT, Cluj Napoca, 2012;
- Cucu V., Erdeli G. - România. Populație, așezări umane, economie, Editura transversal, București 2010;
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- Duțu M. - Tratat Dreptul Mediului, Editura CH Beck, București 2007;
- Duțu M., Duțu, A. - Dreptul de proprietate și exigențele protecției mediului, Ed. Universul Juridic, București, 2011;
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- Ludwig K. - Casebook on EU Environmental Law, Oxford: Hart Publishing, 2004;
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- Dogaru L. - Dreptul Mediului, curs Universitar, Editura Universității „Petru Maior” Tg. Mureș, 2008;
- Buleandră M. - Elemente de Standardizare și Legislație a Mediului, Editura Universității București, 2007;
- Pătruți A. - Etica protecției mediului , <http://mises.ro/928/>;
- Bogdan D.M. - Note de Curs Universitar, Dreptul Mediului, Alba Iulia, 2011;
- Soporan V.F. - Dezvoltare Durabilă, Editura Casa cărții de Știință, Cluj Napoca, 2011;
- Soporan V.F. - Antreprenoriat, Mediu de Afaceri și Dezvoltare Durabilă, Editura Casa cărții de Știință, Cluj Napoca, 2011.
- Guvernul României - Transformarea lumii noastre: Agenda 2030 pentru Dezvoltare Durabilă

## Evaluation

Evaluation form	Evaluation Methods	Percentage of the final grade
Final exam	Written examination	60%
Evaluation of the activity during the semester	Written and oral assessments during the semester	40%

**Contact**

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