

Environmental economics and green purchasing Code....(full-time) / Code....(part-time)					
Környezetgazdaságtan és zöld beszerzés					
Responsible unit (institute/department): Institute of Economics and Management	Number of lessons per week/semester: Full-time:2 Part-time:	Credit value: 6		Prerequisites: No.	Prerequisite for exam: No
Lecturer in charge of the subject: Dr. Katalin Csekő PhD	Type of course: compulsory/ compulsory elective/ elective/ criterion	Recommended semester:	Semester in which the course is offered: Spring	Language of instruction: Hungarian/ <u>English</u> / German/ ...	Type of evaluation: exam (colloquium)/ term mark/ <u>basic exam</u> / comprehensive exam/report/ signature/graded signature
Lecturer(s): Dr. Katalin Csekő PhD					Method of evaluation: written/ <u>oral</u> / oral and written
Description of professional content and purpose of the course:					
<p>The course aims to present the core elements of environmental economics and provide a summary of its useful tools. It discusses the efficiency issues of governments' environment policies (taxes, subsidies). It present the concerned, ESG-based European legislation that radically changes the procurement strategy and processes of the economic operators. The students will be familiar with ethical principles of environmental economics and therein green purchasing. They learn the international agreements and the international institutions and cooperation supporting the implementation thereof.</p>					
Short outline, description of acquired knowledge, skills and competences:					
<p>By analyzing case studies, best practices, relevant business news and reports the students gain insight into the new requirements of corporate governance and will be cognizant of compliance management role in ensuring the green purchasing in the business operation.</p> <p>The 6 topics in 22 lecture units discussed:</p> <ol style="list-style-type: none"> 1. Market failures (externalities, theory of Pigou and Coase theory); (6 lecture unit) 2. The role of government (taxes, subsidies, property rights, legislation); (6 lecture unit) 3. Environmental Quality; (4 lecture unit) 4. Trade-offs and the Economy; (2 lecture unit) 5. Sustainability and Green Purchasing; (2 lecture unit) 6. International and European issues; (2 lecture unit) 					
Requirements during the semester and teaching methods:					
No.					
Compulsory sources/reading, bibliography, available sources for the acquisition of knowledge, skills and competences:					
<p>David. A. Anderson (2025) Environmental economics and Natural resource Management. Routledge, Taylor & Francis Group 6th Edition ISBN 978-1-03255044</p> <p>O'Brian, Jonathan (2023) Sustainable Procurement: A Practical Guide to Corporate Social Responsibility in the supply chain; Kogan Page ISBN 978-1398604681</p>					
Recommended additional sources/reading:					
<p>EU websites: https://commission.europa.eu/strategy-and-policy/priorities-2019-2024/european-green-deal_en https://green-business.ec.europa.eu/green-public-procurement_en https://finance.ec.europa.eu/sustainable-finance/tools-and-standards/eu-taxonomy-sustainable-activities_en</p>					

Exam topics and/or questions:

Pareto efficiency, types of efficiency, marginal costs (social, private), marginal benefits (social, private), imperfect competition, imperfect information, externalities, efficient Voter Rule, Pigou taxes, Coasian solution, trade-offs between growth and environment, Present value, risk averse, risk loving risk neutral investors, environmental quality.

- Knowledge: Fundamentals of environment economics and the European SG-based laws (Taxonomy, CSDDD, fundamentals of ESG-reporting, Green Deal, ECO Labelling, Extended Producer Liability and Circular economy);
- Skills: analytical and synthesising skills regarding information and laws from several sources.
- Attitude: Utilitarian and knowledge attitude based on the principles of environmental ethics.
- Autonomy and responsibility: being aware of resource scarcity and able to make responsible and green investment and procurement decision.

Notes (e.g. special device, student number limits):