

UČNI NAČRT PREDMETA / SUBJECT SPECIFICATION

Predmet:	Ekonomika in menedžment okolja
Subject Title:	Economics and environmental menedžment

Študijski program Study programme	Letnik Year	Semester Semester
Varstvo okolja in ekotehnologije Environmental Protection and Ecotechnologies	3	1

Predavanja Lectures	Sem. vaje Tutorial	Lab. vaje Lab. work	Teren. vaj e Field work	Samost. delo Individ. work	ECTS
45	20		10	135	4

Nosilec predmeta / Lecturer:	doc. dr. Leo Šešerko, doc. dr. Franc Žerdin / Leo Šešerko, Ph.D., Assist. Prof., Franc Žerdin, Ph.D., Assist. Prof.
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Jeziki / SL Languages:	Predavanja / Lectures:	45
	Vaje / Tutorial:	30

Pogoji za vključitev v delo oz. za opravljanje študijskih obveznosti:

Pogojev ni.

Prerequisites:

None.

Vsebina:

- Okolje in gospodarstvo v ekonomski teoriji (osnovni koncepti in sedanji problemi, vrednotenje naravnih virov, ekonomsko-okoljski sistem, tehnološki napredek in okoljske spremembe, stroški in učinki),
- Integrirano varstvo okolja in gospodarjenje v krožnem toku,
- Ekonomski nadzor okolja (davki, dovoljenja, standardi).
- Upravljanje okolja (podjetniški vidik, okolje in konkurenčnost, strategije).
- Okoljevarstven sistem na podjetniški ravni (ISO 14000, okoljski standardi).
- Okoljsko računovodstvo in okoljsko vrednotenje (družbena odgovornost in podjetniška usmeritev).
- Metode raziskovanja okoljske ekonomike (metode tržnih spodbud in metode vrednotenja okoljskih stroškov in koristi,

Content (Syllabus outline):

- Environment and economy in economic theory (basic concepts and current issues, valuation of natural resources, economic-environmental system, technological advances and environmental changes, costs and effects)
- Integrated environmental protection and management in the circular flow
- Economic control of the environment (taxes, permits/licences, standards),
- Managing the environment (entrepreneurial aspect, environment and competitiveness, strategies),
- Environmental system at the entrepreneurial level (ISO 14000, environmental standards),
- Environmental accounting and environmental assessment (social responsibility and corporate policies).
- Research methods of environmental economics (methods of market incentives and valuation of environmental costs and benefits),
- Environmental decision-making (decision-

- Okoljsko odločanje (odločitveni proces, vrste odločitev in metode odločanja, specifičnost odločanja, povezanega z okoljem),
- Trajnostni razvoj kot strateška usmeritev države v okviru EU integracij,
- Nacionalni program varstva okolja – ekonomski problemi in rešitve.

- making process, types of decisions and decision-making methods, the specific of decision-making related to the environment)
- Sustainable development as a strategic direction of a country under the EU integrations,
 - National Environmental Action Programme – economic issues and solutions.

Temeljni literatura in viri

- Pripravljen bo sodobni učbenik Pribakovič-Borštnik, A., Zornik, M., Žagar, T. (2004) Odgovorno okoljsko delovanje: sistemi ravnanja z okoljem, Slovenski inštitut za kakovost in meroslovje, Ljubljana

Textbooks:

- A new study textbook will be prepared Pribakovič-Borštnik, A., Zornik, M., Žagar, T. (2004) Environmental accountability: Environmental management systems, Slovenian Institute for Quality and Metrology, Ljubljana

Cilji:

Študente seznaniti s pomenom in vlogo ekonomike v povezavi z vidiki naravnih virov in okoljevarstvene zaščite, ki jih zahteva sodoben gospodarski razvoj. Študenti bodo spoznali ekonomske značilnosti in zakonitosti izrabe in varovanja omejenih in prostih naravnih dobrin in se usposobili za sistematično vrednotenje stroškov in koristi aktivnosti, ki vplivajo na okolje. Študenti bodo spoznali ekonomske vidike interakcij med podjetniškim in naravnim okoljem.

Podrobni cilji, ki izhajajo iz razvoja splošnih kompetenc študentov, so:

- Pridobitev znanj o trajnostnem razvoju in ekonomskem vidiku varstva okolja,
- Vključevanje osnovnih disciplin poslovnega procesa z vidika sistematičnega varovanja okolja: mikro in makro ekonomika, trženje, prodaja, finance, management, podjetništvo),
- Sposobnost prepoznavanja relacij med okoljskim ekonomskim načrtovanjem na mikro in makro podjetniškem nivoju.

Objectives:

To acquaint the students with the role of economics in relation to different aspects of natural resources and environmental protection as required by the latest economic development. Students will learn about economic characteristics and laws on consumption and protection of non renewable and available natural resources and to make the students able to systematically evaluate the costs and benefits of activities that affect the environment. The students will learn about economic aspects of interactions between business and the natural environment.

Detailed objectives arising from the development of general skills of students:

- Acquisition of knowledge on sustainable development and economic aspects of environmental protection,
- Integration of basic disciplines of business process in terms of systematic protection of the environment: micro- and macroeconomics, marketing, sales, finance, management, entrepreneurship)
- Ability to recognise relations between environmental economic planning at the micro and macro entrepreneurial level.

Predvideni študijski rezultati:Znanje in razumevanje:

Študent bo ob zaključku predmeta sposoben uporabiti znanja in veščine okoljske ekonomike in managementa pri reševanju problemov pri delu.

Prenosljive/ključne spretnosti in drugi atributi:

Študent v okviru predmeta razvija veščine identifikacije, sposobnosti vrednotenja in okoljskega načrtovanja. Študenti bodo razvili predmetno-specifične kompetence:

- Razumevanje celovitega in sistematičnega načrtovanja z vidika ekonomike okolja in trajnostnega razvoja
- Sposobnost analize in sinteze.
- Razumevanje okoljske ekonomike ter učinkovito in sistematično vrednotenje okoljskih problemov/priložnosti.
- Sposobnost dela v interdisciplinarnem timu.

Intended learning outcomes:Knowledge and understanding:

At the end of course The students will be able to apply knowledge and skills of environmental economics and management for problem-solving at work.

Transferable / Key Skills and other attributes:

In the course of the subject the students shall develop their skills of identification, valuation and spatial planning. The students will develop subject-related specific competencies:

- Understanding of a comprehensive and systematic planning in terms of environmental economics and sustainable development
- Ability to analyse and synthesise.
- Understanding of environmental economics, and efficient and systematic evaluation of environmental issues/opportunities.
- Ability to work in an interdisciplinary team.

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Metode poučevanja in učenja:

Predmet se bo izvajal v obliki predavanj, seminarjev, diskusij, študij praktičnih primerov, izkustvenih vaj, individualnih nalog, skupinskega dela ter individualnih konzultacij s predavateljem.

Learning and teaching methods:

The course will be performed in form of lectures, seminars, discussions, case studies, experiential exercises, individual exercises, group work and individual consultations with the lecturer.

Načini ocenjevanja:

Pisni izpit
Seminarska naloga

Delež (v %) /
Weight (in %)

60
40

Assessment:

written exam
seminar paper work

Materialni pogoji za izvedbo predmeta :

- klasična učilnica
- osebni računalnik
- projektor za elektronske predstavitve
- dostop do interneta

Material conditions for subject realization:

- Classic classroom
- Personal computer
- Projector for electronic presentations
- Internet access

Obveznosti študentov:

Študent v okviru predmeta izdelava in pravočasno odda seminarsko nalogo (okoljski poslovni načrt). Obvezna je udeležba na seminarjih in vajah. Pozitivna ocena seminarske naloge ter najmanj 70 odstotna udeležba na seminarjih in vajah so pogoj za pristop k pisnemu izpitu.

Student's commitments:

Within the subject each student has to draw up and hand in to the lecturer their seminar paper work on time (environmental business plan). Participation in seminars and tutorials is mandatory. The student has to acquire a positive assessment from the seminar paper work and at least 70 % attendance at seminars and tutorials as a condition for taking the written examination.