

# 5ZP400 EKONOMIE ŽIVOTNÍHO PROSTŘEDÍ A EKOLOGICKÁ POLITIKA

Course code	5ZP400
Course title in language of instruction	Ekonomie životního prostředí a ekologická politika
Course title in Czech	Ekonomie životního prostředí a ekologická politika
Course title in English	Environmental Economics and Policy
Mode of completion and number of credits	Exam ECTS (6 credits), Exam (4 credits) One ECTS credit corresponds to 26 hours of workload for an average student.
Type of course	Daily attendance: 2/2 (hours of lectures per week / hours of seminars per week)
Language of instruction	Czech
Level of course and year of study	master continuing: 1
Semester	WS 2011/2012 – NF
Name of lecturer	prof. Ing. Jiřina Jílková, CSc. (instructor, lecturer, supervisor) Ing. Jan Slavík, Ph.D. (instructor, lecturer)
Prerequisites	none

## Aims of the course

The course enables students to understand the main theoretical approaches of economics and policy of environment in depth.

## Learning outcomes and competences

Upon successful completion of this course, students will be able to critically analyze and judge the steps in environmental protection policy. They will be able to apply different theoretical approaches having regard to their limits.

## Course contents

- Environmental problems – economic interpretation: environment as scarce resource, relation economics – environment, environmental Kuznets curve.
  - Externalities, public goods, optimisation in environmental economics x normative decision criterion, Coase concept of externalities solution.
  - Natural resource valuation in environmental economics, alternative approaches of ecological economics to the value of environmental goods.
  - Cost-benefit analysis, cost-effectiveness analysis, regulatory impact assessment, multicriteria analysis.
  - Common-pool resources in environment and possibilities of their provision (the concept of Ostrom).
  - The role of property rights in environmental protection, responsibility for environment damages – free market environmentalism.
  - Environmental policy instruments – administrative, economic, voluntary instruments. Enforceability, administrative demands, economic efficiency, impact on actors.
  - Natural resource economics – renewable, exhaustible resources.
- Sustainable development – weak and strong sustainability.

## Teaching methods and student workload

Type of teaching method	Hours of workload
	daily attendance
Participation in lectures	26
Attendance at seminars/workshops/tutorials	26
Preparation for seminars/workshops/tutorials	26
Preparation of term paper	13
Preparation of presentation	13
Preparation for final test	39
Preparation for final oral exam	13
<b>Total</b>	<b>156</b>

## Assessment methods

Requirement type	Weight
	daily attendance
Active lecture/seminar/workshop/tutorial participation	10 %
Term paper	15 %
Presentation	5 %
Final test	50 %
Final oral exam	20 %
<b>Total</b>	<b>100 %</b>
<b>Special requirements and details:</b> When graded 4+ the student will attend an additional oral exam with the possibility of getting the grade 3.	

## Recommended reading

Type*	Author	Title	Published in	Publisher	Year	ISBN
R	KOLSTAD, C. D.	Environmental economics	New York	Oxford University Press	2000	0-19-511954-1
R	TURNER, R. K. – PEARCE, D. W.	Economics of natural resources and the environment	Baltimore	Johns Hopkins University Press	1990	0-8018-3987-4
R	HANLEY, N. – SHOGREN, J. F. – WHITE, B.	Environmental economics in theory and practice	Houndmills	Palgrave Macmillan	2007	978-0-333-97137-6
R	TIETENBERG, T. H.	Environmental and natural resource economics	Boston	Addison-Wesley	2003	0-201-77027-X
R	FIELD, B. C.	Environmental economics : an introduction	New York [etc.]	McGraw-Hill	1994	0-07-113308-9

\* R – required reading, A – additional reading