

Syllabus

Course description

Course title	Environmental and Resource Economics
Course code	27200
Scientific sector	SECS-P/03
Degree	Bachelor Economics and Social Sciences (L-33)
Semester and academic year	2 nd semester 2019-20
Year	3 rd study year
Credits	7
Modular	No
Total lecturing hours	42
Total lab hours	--
Total exercise hours	21
Attendance	Highly recommended but not required
Prerequisites	Previous attendance of an introductory course in microeconomics is strongly suggested, in order to properly follow the lectures.
Course page	https://www.unibz.it/en/faculties/economics-management/bachelor-economics-social-sciences/

Specific educational objectives	<p>The course refers to the typical educational activities and belongs to the scientific area of Economics.</p> <p>The course gives a general overview on the subject, related scientific research and recent applications. Students will develop the capacity to understand economic, social and policy issues related to environmental economics. They will learn how economic concepts including cost-benefit analysis, externalities, public goods, game theory and information economics can be applied to environmental issues. In addition, the competence of applying interdisciplinary reasoning including legal aspects will be strengthened.</p>
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Lecturer	Eberhard Feess Office E3.10 eberhard.feess@unibz.it tel. 013278 / 013279 https://www.unibz.it/en/faculties/economics-management/academic-staff
Scientific sector of the lecturer	SECS/P-03
Teaching language	English
Office hours	18 hours Cockpit – students’ zone – individual timetable Webpage: https://www.unibz.it/en/timetable/?sourceId=unibz&department=26&egree=13141%2C13182
Lecturing assistant	Marco Rogna marco.rogna@unibz.it

Teaching assistant	/
Office hours	/

List of topics covered	Introduction, Externalities, Public Goods, Overview on policy instruments and their assessment, Command and Control-Policy, Taxes and effluent fees, permits, Negotiations, Liability, International Aspects of Environmental Policy, Strategic Trade Policy, Natural Resources.
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Teaching format	Frontal lectures, exercises, student presentations
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Learning outcomes	<p>Knowledge and understanding: Students understand how economic standard tools including microeconomic reasoning, game theory and information economics deepen our understanding of environmental problems and about the appropriate policy instruments, depending on the problem at hand.</p> <p>Applying knowledge and understanding: Economic tools will be applied to the theoretical understanding of policy-related instrument including e.g. the handling of eco-dumping in WTO-decisions, liability for environmental harm and the international coordination of policy measures for the reduction of greenhouse emissions.</p> <p>Making judgments: Students will be able to come up with their own judgments of policy issues (e.g. referring to eco taxes) and reflect these judgments against the backdrop of both economic theory and empirical insights on policy consequences on e.g. employment, growth and well-being.</p> <p>Communication skills: Students will learn to communicate their opinions based on fundamental economic concepts, empirical results and interdisciplinary reasoning. Communication skills will already be important during discussions in lectures but in particular in student presentations and subsequent discussions.</p> <p>Learning skills: Students can link economic theory and policy issues concerning environmental economics. They are expected to understand that most issues within environmental economics can be tackled with standard economic reasoning but also become more aware of the importance of interdisciplinary reasoning (Law&Economics, Sociology).</p>
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Assessment	60% final written exam, 20% group presentation, 20% individual presentation
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Assessment language	English
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Evaluation criteria and criteria for awarding marks	The written final exam counts with 60%. Group presentation and individual presentation count with 20% each (including discussion). For attending students, all parts are compulsory. For non-attending students, the presentations are substituted by an essay on a topic that will be provided on request. The length of the essay is supposed to be
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	<p>around 8 pages.</p> <p>Relevant for assessing the written exam is the clarity of answers, the connection to economic theory and the mastery of English. The exam will consist of both formal questions and essay questions.</p> <p>Relevant for assessing the presentations is the capability of working on a specific topic, the link between theory and application, the anchoring in economic tools, ability to structure and summarize ideas in own words, team work, concise presentation and open and productive discussion style.</p>
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Required readings	Alfred Endres (2011): Environmental Economics, Theory and Policy.
Supplementary readings	Will be provided on the slides for each topic.