

Syllabus

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Titul dl curs	Economia della sostenibilità
Codesc dl curs	27611
Titul suplementar	
SSD	ECON-02/A
Lingaz	Inglese
Curs de laurea	Corso di laurea magistrale in Politiche Pubbliche e Governance innovativa
D'autri cursc de laurea (cursc deberieda)	
Dozenc	dr. phd. Alberto Maria Zanni, AlbertoMaria.Zanni@unibz.it https://www.unibz.it/en/faculties/economics-management/academic-staff/person/52541
Assistent didatich	
Semester	Primo semestre
Ann/Agn de stude	2
Credic universitars	6
Ores de insegnament	36 ONLINE
Ores de laboratore	-
Ores de stude individual	-
Ores de riceviment prevedudes	18
Ressumè di contegnus	The course covers the applied economics aspects of sustainability: a) the concept of sustainability and its implications in economic policy; b) environmental policy instruments: how to design policies towards sustainability; c) environmental valuation: eliciting values for non-market environmental goods and services; d) the economics of sustainable transport, cities, energy, tourism.
Argomenc dl curs	1. The concept of sustainability and its economic implications 2. Economic theory and practice of environmental policy

	(externalities, optimal pollution, abatement costs) 3. Command and control instruments; subsidies, environmental taxation and trading systems 4. Evaluation of environmental policy instruments 5. Valuation of environmental assets (economic values, WTA and WTP, revealed preference methods, stated preference methods, alternatives to the more traditional methods) 6. The economics of sustainable transport and cities (includes some elements of urban planning) 7. Sustainability in other sectors (includes some elements of energy technology)
Paroles clef	sustainability, externalities, equity, valuation, policy
Prerequisic aconsiés	B1 level in English is required to sit the exam
Cursc propedeutics	
Modalité de enseignement	Frontal online lectures, mainly synchronous, discussion of reading material, presentations
Oblianza de frecuencia	Attendance is recommended, but not mandatory.
Obietifs formatifs y competenzes da arjonje	ILO (Intended Learning Outcomes) ILO1 Conoscenza e comprensione ILO1.1 Lo/La studente/studentessa acquisisce la conoscenza della teoria economica necessaria a comprendere e analizzare i fenomeni economici ed aziendali nel settore pubblico al fine di supportare i processi decisionali. Saranno consolidate le conoscenze di politica pubblica e gli strumenti necessari al disegno di politiche sostenibili. Saranno inoltre approfondite le conoscenze legate al mercato del lavoro, all'istruzione e alla sanità, funzionali allo sviluppo di capacità di analisi e valutazione delle politiche pubbliche ILO2 Capacità di applicare conoscenza e comprensione ILO2.1 capacità di interpretare l'andamento dei mercati attraverso l'applicazione modelli economici appropriati ed implementare strumenti di analisi economica, anche utilizzando dati ILO2.2 capacità di applicare modelli economici volti a descrivere il comportamento degli agenti economici e sviluppare politiche economiche sostenibili in vari domini applicativi di interesse delle aziende e di enti pubblici

	ILO3 Autonomia di giudizio ILO3.1 capacità di applicare le conoscenze acquisite per interpretare i fenomeni economici ed aziendali al fine di prendere decisioni direzionali e operative nel contesto dell'amministrazione pubblica ILO3.2 capacità di selezionare dati e utilizzare le informazioni appropriate per descrivere un problema che attiene al disegno, alla realizzazione e all' valutazione dei progetti e delle politiche del settore pubblico, mirando all'innovazione e al miglioramento dei processi, dei prodotti e dei risultati; ILO3.3 capacità di mettere in relazione modelli ed evidenze empiriche nello studio dei fenomeni propri delle politiche pubbliche ILO3.4 capacità di riflettere, anche in una prospettiva di etica pubblica e sostenibilità per quanto riguarda le generazioni future sulle responsabilità connesse all'utilizzazione di risorse pubbliche ILO4 Abilità comunicative ILO4.1 capacità di comunicare efficacemente in forma orale e scritta i contenuti specialistici delle singole discipline, utilizzando registri diversi a seconda di destinatari e scopi comunicativi e didattici, nonché di valutare gli effetti formativi della sua comunicazione ILO5 Capacità di apprendimento ILO5.1 capacità di utilizzare in modo autonomo le tecnologie informatiche per svolgere ricerche bibliografiche e indagini e per la propria formazione e per il proprio aggiornamento.
Obietifs formatifs y competenzes da arjonje (informazioni supplementares)	Knowledge and understanding Students will know and understand analytical tools used in environmental and sustainability economics and acquire knowledge on the theory of externalities with empirical applications in various sectors Applying knowledge and understanding Students will be able to comprehend and apply research contributions. They will learn how to compare the effectiveness of different environmental policy instruments and learn how to design environmental valuation studies, interpret theoretical ideas and applied research results.

	Making judgments Student will be able to reflect on specific problems and formulate judgments that include the valuation of environmental commodities and evaluation of environmental policies. Communication skills Students will be able to communicate content, key concepts, research ideas, problems and solutions as well as empirical research results to both a specialist and non-specialist audience. Learning skills Students will develop the ability to connect economic theory with real-world sustainability challenges. This entails independently expanding their understanding through in-depth engagement with scientific research and empirical analyses. They will cultivate skills essential for conducting thorough literature reviews and formulating precise research questions.
Sort de eJam	For Attending students: I) Presentation (40% of the final grade). The presentation requires critical discussion of a case study in sustainability economics (ILO 01.1, 02.1-2, 03.1-4, 04.1, 05.1) II) Final exam (60% of the final grade). The final exam consists of analytical problems in multiple choice questions and short essay question form. (ILO 01.1, 02.1-2, 03.1-4, 04.1, 05.1) The final exam tests Skill 1 (Knowledge and understanding). The presentation allows to verify Skills 2, 3 and 4 (Applying knowledge and understanding, Making judgements, Communication skills). The skill concerned with autonomous study (Skill 5, Learning skills) is indirectly verified, because passing the final exam requires autonomous execution of exercises suggested by the lecturer and face-to-face discussions. (ILO 01.1, 02.1-2, 03.1-4, 04.1, 05.1) For non-attending students or students who do not take the presentation, the final exam is 100% of the final grade. (ILO 01.1, 02.1-2, 03.1-4, 04.1, 05.1)

Criters de valutazion	Overall, students will be assessed against the learning outcomes. Presentations will be evaluated in terms of structure, content and communication techniques. Reaction to questions from the audience will also be part of the assessment, as well as questions addressed to other students during their presentations. Exam will be a mixture of multiple choice questions and essay type, valued against the criteria, in particular knowledge and understanding of the main concepts and their implications in real world policy settings.
Bibliografia obligatora	The course material is mainly composed of the slides presented and discussed during the lectures (and the recordings of the lectures) plus some additional readings given at the end of the lectures. In addition: • Baumgärtner, S., Quaas, M., 2010. What is sustainability economics? Ecological Economics 69, 445–450. https://doi.org/10.1016/j.ecolecon.2009.11.019
Bibliografia aconsieda	The lectures will mainly be drawn from journal articles and books. The reference list at the end of each lecture will give students a guide to the additional readings they may want to carry out for deeper insights into the topics treated in the module
Deplù informazions	The course is offered online. Lectures will be recorded.
OSS	Buona salute, Acqua pulita e servizi igienico-sanitari, Energia rinnovabile e accessibile, Lotta contro il cambiamento climatico, Città e comunità sostenibili, Utilizzo responsabile delle risorse, Ridurre le disuguaglianze