Syllabus

Course Description

Course Title	Sustainability: Challenges and Solutions
Course Code	89200
Course Title Additional	
Scientific-Disciplinary Sector	NN
Language	Italian; English; German
Degree Course	Studium Generale - basic course
Other Degree Courses (Loaned)	
Lecturers	Prof. Dr. Camilla Wellstein, Camilla.Wellstein@unibz.it https://www.unibz.it/en/faculties/agricultural-environmental-food-sciences/academic-staff/person/33786 Prof. Massimiliano Bonacchi, Massimiliano.Bonacchi@unibz.it https://www.unibz.it/en/faculties/economics-management/academic-staff/person/35968 Prof. Aart van Bezooijen, Aart.vanBezooijen@unibz.it https://www.unibz.it/en/faculties/design-art/academic-staff/person/38596
Teaching Assistant	
Semester	First semester
Course Year/s	1
CP	3
Teaching Hours	18
Lab Hours	0
Individual Study Hours	
Planned Office Hours	
Contents Summary	This course provides a general overview of the topic of sustainability and the current challenges and potential solutions relating to economic, environmental and social sustainability. In

	this context, research approaches and findings from various disciplines of the partners in the South Tyrolean Alliance for Sustainability Research (S.T.A.R.S.) will be presented. The course focuses on mountain regions, their society, economy and natural resources. The aim is to enable participants to take the sustainability aspects discussed into account in an informed manner and to apply them in social spheres such as politics, tourism, the economy and nature management, as well as within businesses and the education sector.
Course Topics	unibz (6 hours): Sustainability Studies Economic sustainability Environmental sustainability Social sustainability PTH (approx. 2 hours) EURAC (approx. 2 hours) LAIMBURG (approx. 2 hours) Fraunhofer (approx. 2 hours) Ecoresearch (approx. 2 hours) Natural Science Museum (approx. 2 hours)
Keywords	
Recommended Prerequisites	
Propaedeutic Courses	
Teaching Format	Lecture, small-group work, discussion
Mandatory Attendance	
Specific Educational Objectives and Learning Outcomes	This course provides a general overview of the topic of sustainability and the current challenges and potential solutions relating to economic, environmental and social sustainability. In this context, research approaches and findings from various disciplines of the partners in the South Tyrolean Alliance for Sustainability Research (S.T.A.R.S.) will be presented. The course focuses on mountain regions, their society, economy and natural resources. The aim is to enable participants to take the sustainability aspects discussed into account in an informed manner and to apply them in social spheres such as politics, tourism, the economy and nature management, as well as in businesses and the education sector.

	Knowledge and understanding -Knowledge and understanding of sustainability research in the fields of economics, ecology and the social sciences, and a selection of their representative methods Application of knowledge and understanding -Applying knowledge and understanding in a professional manner in societal sectors such as politics, tourism, economics, nature management, within businesses and in the education sector. Evaluation -The ability to make an informed assessment of the sustainability aspects covered and their application in all relevant fields Communication -Skills relating to communication in the dissemination and application of knowledge in the field of sustainability -Ability to communicate different perspectives on sustainability research in the fields of economic, ecological and social sustainability, based on scientific evidence Learning strategies - Learning strategies for utilising scientific publications in the field of sustainability research and communicating their findings - Learning strategies for linking applied aspects with findings from basic research - Learning strategies for acquiring a trilingual technical vocabulary
Specific Educational Objectives and Learning Outcomes (additional info.)	
Assessment	The examination is based on: A final written examination consisting of a maximum of 10 questions. The written examination assesses knowledge and understanding of the theoretical background, key findings and critical judgement Tailored to participants (English, German, Italian)
Evaluation Criteria	The following criteria are used: - Relevance and clarity of the answers; ability to summarise and

	evaluate; ability to identify and discuss sustainability issues from an interdisciplinary perspective; ability to develop problem-solving strategies geared towards sustainability; demonstration of specialist knowledge
Required Readings	
Supplementary Readings	
Further Information	
Sustainable Development Goals (SDGs)	