

Syllabus Course description

Course title	Sustainable Development II
Course code	89160
Scientific sector	ND
Semester	Spring
Academic Year	2022-23
Credits	3
Day and time of the lectures	Wednesday 18:00-20:00
Place or/and online	Presence at UNIBZ and EURAC
Total lecturing hours	18
Level (bachelor, master, for everybody)	BSC and MSC
Attendance	Recommended
Prerequisites	None

Specific educational objectives	<p>The "sustainable development goals" (SDGs), defined by the United Nations in 2015 (Agenda 2030), are 17 global objectives for a sustainable development. The Province of South Tyrol is committed to these objectives. Through a new so-called "<i>Alliance in teaching and research for a sustainable development</i>" all major research institutions in the region (FUB, EURAC, PTH, Laimburg, Fraunhofer, Naturmuseum, etc.) intensify their cooperation.</p> <p>The present lecture series discusses various ecological, economical and social aspects of the topic.</p>
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Lecturer	Responsible: Johann Gamper und Alex Weissensteiner. Guest lecturers are from the research institutions of the alliance.
Scientific sector of the lecturer	None
Teaching language	Italian and German
List of topics covered	Biodiversity, Climate Crisis and Climate Neutrality, Resilience, Ethics, Measurement, Mobility, Engineering, Law, Economics and Finance.
Teaching format	Frontal lectures, Discussions

Learning outcomes	The students should receive a holistic view on the various facets of sustainability and understand them. Through the variety of speakers in the lecture series, the students will be exposed to different perspectives and should be able to make their own judgments. During the lectures, an active participation of students is encouraged via discussions, which will improve their communication skills. The discussed topics should improve the learning skills of students in this field.
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Assessment	Final <i>take-home</i> exam (report)
Assessment language	English, German and Italian

Evaluation criteria and criteria for awarding marks	100% final take-home exam (report)
Required readings	Slides of the speakers will be provided
Supplementary readings	None