



<i>University Compulsory/ optional course</i>	<i>Course/ track</i>	<i>Comments</i>
Semester 1		
Graz	Course: Basics in Sustainable Development	
Compulsory	The Sustainability Challenge (3 ECTS)	
	Sustainable Development: Integrating Perspectives (10 ECTS)	
	Social competencies for working in inter- & transdisciplinary teams (2 ECTS)	
	Methods for inter- and transdisciplinary problem solving (2 ECTS)	
	Systems integration and assessment (3 ECTS, two options): (i) Data in System Sciences or (ii) Integrated Management Systems	
Optional (select 10 ECTS) * Note that the actually offered list of courses might deviate from this list. Please check the program of courses online (UGO system).	Environmental and technology assessment (4 ECTS)	
	Waste and Recycling (4 ECTS)	
	Environmental Decision Making (4 ECTS)	
	Seminar on systems integration and assessment (4 ECTS)	
	Renewable Resources – Chemistry and Technology I (2 ECTS)	
	Renewable Resources – Chemistry and Technology II I (2 ECTS)	
	Climate and Environmental Change (3 ECTS)	
	Climate Ethics (4 ECTS)	
	Applications in Environmental Economics (6 ECTS)	
	Further Selected topics (see Uni Graz Online system)	<i>4 or 6 ECTS</i>
Semester 2		
Specialisation	Track: Sustainable Business Management	
Compulsory	Strategic Sustainability Management (4 ECTS)	
Compulsory	Sustainability Entrepreneurship (4 ECTS)	
Compulsory	Eco-Controlling (4 ECTS)	
Compulsory	Sustainable Innovation (4 ECTS)	
Compulsory	Selected topic in Sustainability Management (4 ECTS)	
Compulsory	Research Project Sustainability Management (6 ECTS)	
Compulsory	Seminar Sustainability and Environmental Management (4 ECTS)	
Specialisation	Track: Climate and Environmental Change	
Compulsory	Climate Physics (12 ECTS) <ul style="list-style-type: none"> • Climate and Environmental Change: Current Research Issues (3 ECTS) • Selected Methods in Atmospheric and Climate Physics (3 ECTS) • Physical Oceanography, Hydrology and Climate (3ECTS) • Atmospheric Dynamics (3 ECTS) • Atmospheric Measurement Methods (3 ECTS) 	



	<ul style="list-style-type: none"> • Climate Dynamics (3 ECTS) • Climate Modeling (3 ECTS) 	
Compulsory	Physical Geography (select 12 ECTS) <ul style="list-style-type: none"> • Processes in snow and ice (4 ECTS) • Geomorphology and Earth System Science (4 ECTS) • Master Seminar in Physical Geography (4 ECTS) • Mountain Meteorology and Climatology (4 ECTS) • Mountain Hydrology (4 ECTS) • Climate Change and Natural Hazards (4 ECTS, title to be confirmed) 	<i>Courses in grey might not be offered in 2020.</i>
Optional	Additional competences (select 6 ECTS). <ul style="list-style-type: none"> • Please check available courses online • You may take additional courses from climate physics, physical geography or human geography 	
Semester 3		
Compulsory	Course: Integration Module	
Compulsory	<ul style="list-style-type: none"> - Inter- and transdisciplinary case study (10 ECTS) - Social competencies for managing sustainable development (3 ECTS) - Master seminar (2 ECTS) 	
Optional	free electives (15 ECTS) for further specialisation (as possibility to strengthen the individual profile)	
Semester 4		
Compulsory	Master's thesis	