



<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)	
	Earth's Climate System and Climate Change (3 ECTS)	
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)	
	Fundamentals of Circular Economy (4 ECTS)	
	Waste and Recycling (4 ECTS)	
	Environmental Decision Making (4 ECTS)	
	Human Factors in Transitions (4 ECTS)	
	Sustainable Business Models (4 ECTS)	
	Data in Systems Sciences (3 ECTS)	
	Seminar for data in Systems Sciences (4 ECTS)	
	Globalization and Development (6 ECTS)	
	Climate Justice (6 ECTS)	
	Seminar in Research Methodology (3 ECTS)	
	Renewable Resources – Chemistry and Technology I (2 ECTS)	
	Renewable Resources – Chemistry and Technology II (2 ECTS)	
Further Selected topics (see Uni Graz Online system)	<i>4 or 6 ECTS</i>	
Semester 2		
Specialisation	Track: Corporate Sustainability Management	
Compulsory	Strategic Sustainability Management (4 ECTS)	
Compulsory	Sustainability Controlling and Management (4 ECTS)	
Compulsory	Quantitative Methods of Social Research (4 ECTS)	
Compulsory	Research Project Sustainability and Innovation Management (6 ECTS)	
Optional	Selected topics of Sustainability Management (select 12 ECTS from): <ul style="list-style-type: none"> • Value Chain Management (4 ECTS) • Change Management and learning for Sustainability (4 ECTS) • Waste and Recycling (4 ECTS) • Sustainable Business Models (4 ECTS) • Sustainable Product Management (4 ECTS) • Selected topics of Sustainability Management (4 ECTS, see Uni Graz Online system) 	



Specialisation	Track: Innovation and Transition Management	
Compulsory	Transition Management (4 ECTS)	
Compulsory	Sustainable Innovation (4 ECTS)	
Compulsory	Quantitative Methods of Social Research (4 ECS)	
Compulsory	Research Project Sustainability and Innovation Management (6 ECTS)	
Optional	Selected topics of Innovation and Transition Management (select 12 ECTS from): <ul style="list-style-type: none"> • Environmental and Technology Assessment (4 ECTS) • Environmental Decision Making (4 ECTS) • Product and Service Development (4 ECTS) • Human Factors in Transitions (4 ECTS) • Systems Sciences in Innovation and Transition Research (4 ECTS) 	
Specialisation	Track: Climate Change	
Optional	Climate Physics (select 9 ECTS from): <ul style="list-style-type: none"> • Climate and Environmental Change (3 ECTS) • Atmospheric Measurement Methods (3 ECTS) • Time Series Analysis (3 ECTS, course offered instead of “Climate Modeling”) • Selected topics in Atmospheric and Climate Physics (3 ECTS) • Physical Oceanography, Hydrology and Climate (3ECTS) • Atmospheric Dynamics (3 ECTS) • Climate Dynamics (3 ECTS) 	
Optional	Physical Geography (select 12 ECTS from): <ul style="list-style-type: none"> • Mountain Meteorology and Climatology (4 ECTS) • Mountain Hydrology (4 ECTS) • Climate Change and Natural Hazards (4 ECTS) • Seminar in Physical Geography (4ECTS) • Geomorphology and Earth System Science (4ECTS) 	
Optional	Selected topics in Climate and Environmental Change (select 9 ECTS from): <ul style="list-style-type: none"> • Climatological/Hydrological data processing and modelling (4 ECTS) • Monitoring of geomorphological processes (4 ECTS) • Practical Course in Hydrology (4 ECTS) • Lecture Climate and Energy Management (3 ECTS) • Practice Climate and Energy Management (3 ECTS) • Further Selected topics (3 ECTS, see Uni Graz Online system) 	



	<ul style="list-style-type: none">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 (14 ECTS) for further specialisation (as possibility to strengthen the individual profile)	
Semester 4		
Compulsory	Master Thesis	
Compulsory	Master Exam (1 ECTS)	