

Macroeconomics and Sustainability					
Module no.	Credits	Workload	Term	Frequency	Duration
075250	7.5 CP	225 h	Summer	Every year	1 semester
Courses Project seminar with online self-study elements			Contact hrs 3 SWS	Self-Study 180 h	Group size 20 students
Language English			Prerequisites 20 CPs from other economics modules Advanced Ecological Economics is recommended		
Registration Registration in FlexNow system during the registration period					

Specialisations / Classifications
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Program Economic Policy Consulting MSc.			
	Compulsory module (20 ECTS)	X	Environmental, Resource and Energy Economics
	Quantitative Methods		Microeconomic Theory and Applications
	Regional, International and Development Economics		Elective module

Program Management and Economics MSc.			
	Accounting & Auditing		Production management
	Entrepreneurship, Innovation & Transformation		Development Economics
	Banking & Finance		Statistics & Econometrics
	Governance Systems		National Security Economics
	Business Taxation		Theoretical & Applied Microeconomics
	International Finance	X	Energy and Environmental Economics
	Controlling	X	General Economics
	Sales & Innovation		General Management
	Data Science & Quantitative Analysis		

Program Finance, Accounting, Auditing, Controlling, & Taxation MSc.			
	Compulsory module (25 ECTS)		Finance
	Accounting		Auditing
	Controlling		Taxation
	Compulsory elective (20 ECTS)		Elective module (max. 15 ECTS)

Program Sales Management MSc.			
	Compulsory module (45 ECTS)		Elective module (max. 20 ECTS)
	Compulsory elective (min. 15 ECTS)		
Economics MSc.			
	Core module (30 ECTS)		Elective in Economics (min. 75 ECTS)

	International Economics and Finance		Elective in Management (max. 15 ECTS)
	Economic Policy		

Management MSc.

	Accounting, Finance, Taxation		Elective in Management (min. 60 ECTS)
	Operations and Service Management		Elective in Economics (max. 30 ECTS)
	Marketing		

Learning outcomes

Students can

- self-organize to acquire methodological skills;
- collaborate in a group to work on a group challenge;
- apply critical thinking and creativity techniques;
- improve their future literacy and acquire future skills;
- develop ideas to achieve sustainability;
- present their results.

The development of self-management skills and as social skills is an important goal of this module.

Content

This module covers the different dimensions of a sustainable economy, i.e. material well-being, social justice and inclusion, and ecological sustainability, from a macroeconomic perspective. Pursuing these goals may involve trade-offs which generate difficult problems for economic policy. We analyze how current economic systems deal with these trade-offs and reflect on alternative models to organize the economy. In particular, we discuss the concepts of limits to growth, green growth, post-growth and degrowth and their macroeconomic and societal consequences.

An important topic of the module is how to deal with the uncertain future and how to acquire future literacy, which is closely linked to the question of sustainability. The module covers methods of futures research like scenario thinking, which are widely used in government agencies and large companies. Finally, we discuss how the transition toward a more sustainable economy can be achieved.

Teaching methods

Group work, self-study, mentoring, lectures

Mode of assessment

Project paper (50%) and oral presentations (50%)

Requirement for the award of credit points

Homework assignments and group work in class (both ungraded)

Weight of the mark for the final score (based on a required coursework of 120 ECTS)

4.17%

Module coordinator and lecturer(s)

Prof. Dr. Michael Roos

Learning material and relevant literature

Will be provided in the Moodle course

Further information