Course Descriptions Master 2023-2024

Course Title	Sustainable Development
Course Code	SSP2011
ECTS Credits	5,0
Assessment	Whole/Half Grades

Period

Period	Start	End	Mon	Tue	Wed	Thu	Fri
1	4-9-2023	20-10-2023	X			X	

Level	no level
Coordinator	Maud Huynen For more information:m.huynen@maastrichtuniversity.nl
Language of instruction	English
Goals	Students: * Identify the various sustainable develoment approaches; * Understand the main ideas of selected (historic) sustainable develoment publications/authors; * Explore the human impact on the earth system; * Understand the micro-economic and macro-economic approach toward sustainable develoment; * Reflect on the need for socio-ecological systems thinking
Description	Sustainable development means different things to different people. The most frequently quoted definition is from the Brundtland report 'Our Common Future': "Sustainable development is development that meets the needs of the present without compromising the ability of future generations to meet their own needs." Many other definitions and interpretations can be found in existing literature. Most of these definitions imply an appropriate balance between economic, ecological and social developments, the achievement of human well-being for all, and the balance between current and future generations, and between local and global developments. In general, sustainable development refers to the understanding that inaction has consequences and that innovative ways are needed to deal with the important economic, social and ecological trade-offs involved. This course critically explores the fundamentals of sustainable development. It has particular attention to the history of (the main ideas underlying) sustainable development and explores some of the most important concepts, theories, and milestone publications regarding the environment-economy-society interface from various disciplines. Throughout the course, students will discuss sustainable development in relation to its challenges for (sustainability) science and policy-making.
Literature	* E-reader * Climate change: a very short introduction/ Mark Maslin/ Third Edition OCTOBER 2014/ 9780198719045 (PLEASE CHECK WHETHER ISBN NUMBER IS CORRECT)/ Paperback | 2014 |Oxford University Press
Prerequisites	Exchange students should refer to the International Relations Office via email in case they would like to register for this course: iro-incoming-sbe@maastrichtuniversity.nl. Only limited spots available, first-come first-serve principle.
Keywords	* Sustainable development * Brundtland report * Ethics of sustainable development * Changing perspective on environment (incl. Anthropocene) * Biogeochemical cycles * Planetary boundaries * Environmental externalities * Tragedy of the commons * Ecological economics (incl. steady-state-economy, Doughnut economy) * Climate change (science)
Teaching methods	PBL / Lecture
Assessment methods	Written Exam
Evaluation in previous academic year	For the complete evaluation of this course please click http://iwio-sbe.maastrichtuniversity.nl/rapporten.asp?referrer=codeUM

This course belongs to the following programme / specialisation

Master Sustainability Science, Policy and Society - Business for Sustainability	Compulsory Course(s)
Master Sustainability Science, Policy and Society - Policy for Sustainability	Compulsory Course(s)
SBE Exchange Master	Master Exchange Courses