Course Descriptions None 2025-2026

Course Title	Sustainable Food Production
Course Code	BENC2021
ECTS Credits	5,0
Assessment	Whole/Half Grades

Period

Period	Start	End	Mon	Tue	Wed	Thu	Fri
2	27-10-2025	12-12-2025	X		X		L

Level	no level
Coordinator	Koen Verhees For more information:koen.verhees@maastrichtuniversity.nl
Language of instruction	English
Goals	Students will be able to: * Describe current challenges of food production ecosystems * Apply tools and methods for sustainability assessment within food production * Analyse consumer acceptance of new innovations in foo
Description	The aim of this course is to give you insights into the current challenges of sustainability in food production ecosystems. You gain a deeper understanding of the role of food in health and the economy, on the pressures on maintaining an adequate food supply and the factors that can affect future food availability. You apply some of the tools and methods used in sustainability assessment (Life Cycle Assessment, Cradle-to Cradle), and use them to analyse several existing more complex case studies where these tools were applied. Issues of scale (case studies at global, regional and local level), stakeholders (who to involve) and future-proofing (scenario studies) are addressed. The role and impact of biotechnology on sustainable food production is evaluated and consumer acceptance of GMOs and key innovations such as the CRISPR genome editing tools in food production is also discussed.
Literature	
Prerequisites	It is NOT possible to register for this course as 'exam only'.
Keywords	
Transitional Regulations	
Teaching methods	PBL / Lecture
Assessment methods	Written Exam / Presentation
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

Bachelor Business Engineering	Year 3 Elective Courses