

Course Descriptions Bachelor 2023-2024

Course Title Data and Analytics for Good

Course Code EBC2196

ECTS Credits 6,5

Assessment Whole/Half Grades

Period	Start	End	Mon	Tue	Wed	Thu	Fri
5	15-4-2024	7-6-2024	X		X		

Level no level

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Language of instruction English

Goals Students will learn:
* How to conceptualise and measure key concepts such as resilience and social justice for different areas of application
* How to collect data from different (public) data sources
* How to analyse spatial data in GIS
* How to visualise and interpret the data

Description The Sustainable Development Goals have rapidly risen to the forefront of the political and business agenda. Concepts and ideas such as increasing resilience, adaptation to a changing climate, or decreasing inequality are key to achieving the SDGs. To address these complex challenges, decision-makers from industry and public policy alike increasingly rely on data and analytics. Especially Spatial information that allows you to display socio-economic, infrastructure or environmental data on a map has become an increasingly important analysis tool, and important decision-making instrument. This course is designed to combine knowledge on the underlying concepts for social good, such as resilience or social justice with the techniques and tools you will need to analyze and visualize spatial data and develop powerful stories to ensure that data is – indeed – for good.

Literature

Prerequisites

Keywords

Teaching methods

Assessment methods Final Paper / Assignment / 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 Analytics

Year 3 Elective Course(s)