Course Descriptions None 2022-2023

Course Title	Empirical Research in Education and Labour
Course Code	EBC4240
ECTS Credits	5,0
Assessment	Whole/Half Grades

Period

Period	Start	End	Mon	Tue	Wed	Thu	Fri
5	17-4-2023	9-6-2023					

Level	Advanced
Coordinator	Thomas Dohmen For more information:t.dohmen@maastrichtuniversity.nl
Language of instruction	English
Goals	The course aims at providing students an understanding of how to design, implement and interpret empirical research in economics. Students will gain knowledge in measuring relevant economic concepts and in identifying causality in economics. Students will learn about available statistical tools and their main differences, so that they are able to judge the internal validity of empirical studies.
Description	PLEASE NOTE THAT THE INFORMATION ABOUT THE TEACHING AND ASSESSMENT METHOD(S) USED IN THIS COURSE IS WITH RESERVATION. A RE-EMERGENCE OF THE CORONAVIRUS AND NEW COUNTERMEASURES BY THE DUTCH GOVERNMENT MIGHT FORCE COORDINATORS TO CHANGE THE TEACHING AND ASSESSMENT METHODS USED. THE MOST UP-TO-DATE INFORMATION ABOUT THE TEACHING/ASSESSMENT METHOD(S) WILL BE AVAILABLE IN THE COURSE SYLLABUS. The course provides an overview of methodological and practical issues that arise in empirical economics when (i) measuring concepts in the area of learning and work and (ii) estimating causal relationships. The course covers statistical tools to estimate causal relationships in economics using non-experimental (observable) data and psychometric tools for using test data. We review advantages and pitfalls of various identification strategies, and discuss data requirements. In addition to discussing implementation issues, the course puts particularly emphasize on how to justify the technical assumptions in real-life studies. Examples from the economics of education and labour economics will be discussed. At the end of the course, students should be able to judge which methods are most appropriate in different contexts and circumstances and whether the underlying assumptions are fulfilled. Students will be able to assess the internal validity of empirical studies and make statements with respect to their reliability.
Literature	
Prerequisites	This course is in transition. TRANSITIONAL REGULATION (EBC4240): In 2022-2023 there will be an "exam only" opportunity in P5 for repeat students (cohort 2020-2021 and before). In 2023-2024 and later this course will be replaced by EBC4235. Repeat students are allowed to replace EBC4240 by "Behavioural and Experimental Methods" (EBC4235) as of 2021-2022. PREREQUISITES: Empirical methods in Economics (EBC4233) or equivalent.
Keywords	
Teaching methods	PBL / Presentation / Lecture
Assessment methods	Final Paper / Participation
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

Transitional Regulations	See prerequisites