Course Descriptions None 2015-2016

Course Title	Dynamic Modelling
Course Code	EBC2120
ECTS Credits	6,5
Assessment	Whole/Half Grades

Period

Period	Start	End	Mon	Tue	Wed	Thu	Fri
4	1-2-2016	1-4-2016	X		X		X

Level	Advanced
Coordinator	Ton Storcken For more information:t.storcken@maastrichtuniversity.nl
Language of instruction	English
Goals	In this course the student will learn to analyse and design dynamic models related to economic problems from a mathematical, statistical and empirical point of view.
Description	Course topics are - linear difference and differential equations as well as systems of these, - an introduction to Optimal Control Theory, and - statistical and empirical analysis of dynamic econometric models.
Literature	Lecture Notes of Difference and Differential Equations (ELEUM). Optimal Control Theory and Static Optimization in Economics, by D. Leonard and N. Van Long, Cambridge University Press, 1992 (chapters 2, 4, 6 and 7). Applied Econometric Time Series, Walter Enders, (3rd Edition), John Wiley, 2010.
Prerequisites	All courses of the first and second year bachelor econometrics.
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	
Bachelor Econometrics and Operations Research	Year 3 Compulsory Courses