

Chains in the Bachelor Programme Econometrics

Erik Kole, February 2015

Preface

The Econometrics programme can be seen as a set of interconnected chains. This document presents an overview of the chains and their relations. For each chain it contains the following information

- the courses belonging to the chain
- the coordinator of the chain
- the main customers of the chain
- the contact from the education meeting

The coordinator of the chain is a senior faculty member who oversees the complete chain. When a course coordinator wants to substantially change the content or design of a course, he or she should discuss with the chain coordinator whether this fits with the objectives of the chain and with the subsequent courses in other chains that build on this course.

The customers of the chain are the main chains and specializations that build on the chain. Customers are non-exclusive.

Mathematics chain

Block	Course	Coordinator	Additional Lecturers
1.1	Precalculus	Emöke Oldenkamp	
1.1	Matrix Algebra 1	Willem van Jaarsveld	
1.2	Calculus 1	Emöke Oldenkamp	
1.3	Calculus 2	Jan Brinkhuis	
		Twan Dollevoet	
1.4	Matrix Algebra 2	Remy Spliet	
1.5	Mathematical Methods	Twan Dollevoet	
2.2	Nonlinear Optimization	Jan Brinkhuis	

Coordinator: Albert Wagelmans

Customers: chains of Statistics, Econometrics, and OR

Education committee: Remy Spliet

Statistics chain

Block	Course	Coordinator	Additional Lecturers
1.1	Introduction to Statistics	Christiaan Heij	
1.4	Probability Theory	Adriana Gabor	
1.5	Statistics	Michel van de Velden	
2.1	Advanced Statistics	Andreas Pick	

Coordinator: Christiaan Heij

Customers: chains of Econometrics and OR

Education Committee: Christiaan Heij

Economics chain

Block	Course	Coordinator	Additional Lecturers
1.2	Microeconomics	Jurjen Kamphorst	Otto Swank
1.3	Macroeconomics	Lorenzo Pozzi	Yvonne Adema
2.2	Finance 1	Nico van der Sar	Laurens Swinkels
2.3	Marketing Research	Philip Hans Franses	
3.3	Mathematical Economics	TBD	
3.5	Philosophy of Economics	Constanze Binder	H. Heilmann

Customers: All major specializations and master programmes.

Programming chain

Block	Course	Coordinator	Additional Lecturers
1.4	Introduction to Programming	Emiel Caron	
2.1	Programming	Tommi Tervonen	
2.4	Numerical Methods	Charlie Ye	
		Yingqian Zhang	
3.3	Advanced Programming	Tommi Tervonen	

Coordinator: Flavius Frasinca

Customers: chains of OR, Statistics, Econometrics

Education Committee: Wilco van den Heuvel

OR chain

Block	Course	Coordinator	Additional Lecturers
1.5	Linear Programming	Wilco van den Heuvel	
2.1	Combinatorial Optimization	Wilco van den Heuvel	
2.3	Markov Processes	Rommert Dekker	Alex Koning, Gonül Karaarslan
2.4	Simulation	Rommert Dekker	Yingqian Zhang
2.5	Introductory Case Studies	Andreas Pick	Dennis Huisman, Richard Paap
3.3	Quantitative Methods for Logistics	Rommert Dekker	Albert Wagelmans
3.4	Seminar in Quantitative Logistics	Yingqian Zhang	

Coordinator: Rommert Dekker

Customer: All major specializations and master programmes

Education Committee: Wilco van den Heuvel

Econometrics chain

Block	Course	Coordinator	Additional Lecturers
2.3	Econometrics 1	Christiaan Heij	Dennis Huisman, Richard Paap
2.4	Econometrics 2	Michel van der Wel	
2.5	Introductory Case Studies	Andreas Pick	
2.5	Time Series Analysis	Dick van Dijk	
3.3	Quantitative Methods in Finance	Dick van Dijk	Dennis Fok
3.3	Advanced Econometrics	Wendun Wang	
3.4	Seminar in Business Analytics & Quantitative Marketing	Dennis Fok	
3.4	Seminar in Quantitative Finance	Dick van Dijk	
3.4	Seminar in Econometrics	Richard Paap	

Coordinator: Dick van Dijk

Customers: Quantitative Finance, Business Analytics & Quantitative Marketing, Econometrics

Education Committee: Michel van der Wel