

**TU Wien - Institute of Statistics and Mathematical Methods in Economics**  
**Tentative list of courses in English**

This version:  
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#	Research Unit	Number	Semester	Course	Type	TU Wien Degree	Year of Study	SWs	ECTS Credits	Lecturer	Taught in English	International Target Group:	Core/ Elective
1	Economics	105.690	Winter	<a href="#">Advanced Macroeconomics</a>	VO	BSc	2nd	3	4	Emanuel Gasteiger	Yes	BSc (advanced) / MSc in Economics	Elective
2	Economics	105.691	Summer	<a href="#">Advanced Macroeconomics</a>	SE	BSc	2nd	2	3	Emanuel Gasteiger	Yes	BSc (advanced) / MSc in Economics	Elective
3	Economics	175.868	Winter	<a href="#">Environmental and Population Economics</a>	VO	MSc		2	3	Alexia Fürnkranz-Prskawetz	Yes	BSc (advanced) / MSc in Economics	Elective
4	Economics	175.046	Summer	<a href="#">Environmental and Population Economics</a>	SE	MSc		2	3	Alexia Fürnkranz-Prskawetz	Yes	BSc (advanced) / MSc in Economics	Elective
5	Economics	105.646	Winter	<a href="#">Dynamic Macroeconomics</a>	VO	MSc		2	3	Emanuel Gasteiger	Yes	MSc in Economics	Core
6	Economics	105.647	Winter	<a href="#">Dynamic Macroeconomics</a>	UE	MSc		1	1,5	Emanuel Gasteiger	Yes	MSc in Economics	Core
7	Economics	105.622	Summer	<a href="#">Computational Social Simulation</a>	VU	MSc		2	3	Bernhard Rengs	Yes	BSc (advanced) / MSc / PhD in all Social Sciences	Core
8	Economics	105.623	Summer	<a href="#">International Trade Theory and Policy</a>	VO	BSc		2	3	Robert Stehrer	Yes	BSc (advanced) / MSc in Economics	Elective
9	Economics	105.170	Summer	<a href="#">AKVWL Computational Economics</a>	VU	MSc		2	3	Nawid Siassi	Yes	MSc in Economics	Elective
10	Econometrics	105.126	Summer	<a href="#">Microeconometrics</a>	VO	Bsc/Msc	3rd (or higher)	3	4	Ulrike Schneider	Upon demand	BSc (advanced) / Msc (Statistics, Econometrics)	Elective
11	Econometrics	105.599	Summer	<a href="#">Microeconometrics</a>	UE	Bsc/Msc	3rd (or higher)	1	2	Ulrike Schneider	Upon demand	BSc (advanced) / Msc (Statistics, Econometrics)	Elective
14	Variational Analysis and Operations Research	105.747	Winter	<a href="#">AKOR Seminar on Variational Analysis and Operations Research</a>	SE	MSc		2	3	Aris Daniilidis	Yes	MSc (Statistics, Econometrics)	
15	Variational Analysis and Operations Research	105.747	Summer	<a href="#">AKOR Seminar on Variational Analysis and Operations Research</a>	SE	MSc		2	3	Aris Daniilidis	Yes	MSc (Statistics, Econometrics)	
16	Variational Analysis and Operations Research	105.172	Winter	<a href="#">AKANA AKOR Calculus of variation and Optimal Control</a>	VU	MSc		3	4,5	Aris Daniilidis	Yes	MSc (Statistics, Econometrics)	
17	Variational Analysis and Operations Research	105.763	Summer	<a href="#">Introduction to Nonlinear Optimization</a>	VO/UE	BSc	2nd (or higher)	2	3	Aris Daniilidis	Yes	BSc (advanced) / Msc (Statistics, Econometrics)	
19	Variational Analysis and Operations Research	110.198	Summer	<a href="#">Model-Based Decision Support</a>	VU	MSc		2	3	Josef Haunschmied	Yes	MSc Business Informatics	
20	Variational Analysis and Operations Research	105.649	Winter	<a href="#">Game theoretic Modelling</a>	VO/UE	MSc		2	3	Josef Haunschmied	On request	MSc (Statistics, Econometrics)/MSc Business Informatics	
21	Variational Analysis and Operations Research	110.198	Winter	<a href="#">AKOR Graph Theoretical Methods in Operations Research</a>	VO/UE	MSc		2	3	Josef Haunschmied	On request	MSc Business Informatics	
19	Computational Statistics	107.258	Winter	<a href="#">Computational Statistics</a>	VU	Bsc/Msc	3rd (or higher)	3	4,5	Camilla Damian	Upon demand	Bsc (advanced) / Msc (Statistics, Data Science)	Core
20	Computational Statistics	107.330	Winter	<a href="#">Statistical Simulation and Computerintensive Methods</a>	VU	Msc		2	3	Alexandra Posekany	Upon demand	Msc (Statistics, Data Science)	Core
21	Computational Statistics	105.708	Summer	<a href="#">Data Acquisition and Survey Methods</a>	VU	Msc		2	3	Alexandra Posekany	Yes	Msc (Data Science)	Elective
22	Computational Statistics	105.707	Winter	<a href="#">Advanced Methods for Regression and Classification</a>	VU	Msc		3	4,5	Peter Filzmoser	Yes	Msc (Statistics, Data Science)	Core
23	Computational Statistics	107.388	Winter	<a href="#">Multivariate Statistics</a>	VO	Bsc/Msc	3rd (or higher)	3	4,5	Peter Filzmoser	Upon demand	Bsc (advanced) / Msc (Statistics, Data Science)	Elective
24	Computational Statistics	107.391	Winter	<a href="#">Multivariate Statistics</a>	UE	Bsc/Msc	3rd (or higher)	1	1,5	Peter Filzmoser	Upon demand	Bsc (advanced) / Msc (Statistics, Data Science)	Elective
25	Computational Statistics	105.731	Summer	<a href="#">AKSTA Statistical Computing</a>	VU	Bsc/Msc	3rd (or higher)	2	3	Laura Vana Gür	Yes	Bsc (advanced) / Msc (Statistics, Data Science)	Core
26	Computational Statistics	105175	Summer	<a href="#">Data Analysis</a>	VU	Bsc	3rd (or higher)	4	6	Peter Filzmoser	Upon demand	Bsc (Computer Science)	Core
27	Applied Statistics	105701	Summer	<a href="#">AKSTA Seminar on Applied Statistics</a>	SE	Bsc/Msc	4th (or higher)	2	3	Efstathia Bura	Yes	BSc (advanced) /MSc	
28	Applied Statistics	107 329	Winter	<a href="#">Methods in Applied Statistics</a>	VO	Bsc/Msc	5th	3	4,5	Efstathia Bura	Yes	BSc (advanced) /MSc	
29	Applied Statistics	107.A15	Winter	<a href="#">Methods in Applied Statistics</a>	UE	Bsc/Msc	5th	1	1,5	Efstathia Bura	Yes	BSc (advanced) /MSc	
30	Applied Statistics	105 692	Summer	<a href="#">Introduction to Statistics</a>	VO	Bsc/Msc	4th (or higher)	3	4,5	Efstathia Bura	Yes	BSc (advanced) /MSc	
31	Applied Statistics	105 725	Summer	<a href="#">General Regression Models</a>	VU	Bsc/Msc		3	5	Efstathia Bura	Yes	BSc (advanced) /MSc	
32	Applied Statistics	107 413	Summer	<a href="#">Project with bachelor thesis</a>	PR	Bsc	6th	4	10	Efstathia Bura	Yes	BSc	

