

<b>Module title</b>		<b>Abbreviation</b>
Research Seminar in Empirical Methods		12-M-REM-182-m01
<b>Module coordinator</b>		<b>Module offered by</b>
Holder of the Chair of Public Finance		Faculty of Business Management and Economics
<b>ECTS</b>	<b>Method of grading</b>	<b>Only after succ. compl. of module(s)</b>
10	numerical grade	--
<b>Duration</b>	<b>Module level</b>	<b>Other prerequisites</b>
1 semester	graduate	--
<b>Contents</b>		
<p>This seminar is offered to students who want to intensify and further improve their programming skills acquired in the course “Computational Economics”. At the beginning of the seminar students will be assigned to a specific project (i.e. either a static/dynamic general equilibrium model or a partial equilibrium life cycle or risk management model). During the semester they will develop their own theoretical model and implement it numerically in FORTRAN. Based on this work they will prepare a term paper (approx. 20-25 pages) which they will present at the end of the semester to the class. The term paper will mainly focus on the economic question at hand as well as the theoretical structure and the numerical implementation of the simulation model. Detailed simulation results would be typically reported in a subsequent Bachelor thesis.</p> <p>After finishing this seminar students should be</p> <ul style="list-style-type: none"> <li>(a) able to develop and implement a large scale economic model</li> <li>(b) able to simulate policies with the model and interpret the results</li> <li>(c) be better prepared to manage a simulation study in their Bachelor thesis</li> </ul>		
<b>Intended learning outcomes</b>		
<p>After finishing this seminar students should be</p> <ul style="list-style-type: none"> <li>(a) able to replicate theoretically and implement numerically a large scale economic model</li> <li>(b) able to simulate policies with the model and interpret the results</li> <li>(c) be better prepared to manage a simulation study in their Bachelor thesis</li> </ul>		
<b>Courses</b> (type, number of weekly contact hours, language — if other than German)		
S (2)		
<b>Method of assessment</b> (type, scope, language — if other than German, examination offered — if not every semester, information on whether module is creditable for bonus)		
<p>term paper (15 to 20 pages) and presentation (approx. 20 minutes), weighted 2:1            Assessment offered: In the semester in which the course is offered            Language of assessment: German and/or English            creditable for bonus</p>		
<b>Allocation of places</b>		
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<b>Additional information</b>		
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<b>Workload</b>		
300 h		
<b>Teaching cycle</b>		
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**Referred to in LPO I** (examination regulations for teaching-degree programmes)

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**Module appears in**

Master's degree (1 major) International Economic Policy (2018)  
Master's degree (1 major) China Business and Economics (2019)  
Master's degree (1 major) China Language and Economy (2019)  
Master's degree (1 major) International Economic Policy (2022)