Econometrics II: Computational Statistics				universitätbonn
Module Number 331215035	**Workload** 225 h	**Credits** 7,5 CP	**Duration** 1 Term	**Cycle** yearly; summer term
Responsible Faculty Member	Prof. Dr. Alois Kneip			
Institute	Department of Economics			

Study Program	**Title**	**Character**	**Study Term**
	Master of Science Economics	Advanced Module	2nd

Learning Outcomes	The course aims to provide students with an understanding of fundamental concepts and problems of computational statistics. It establishes the technical competence necessary to understand original research literature, and enables students to solve methodological, numerical or algorithmic problems encountered in empirical work or simulation studies.
Key Skills	
Learning Content	The course deals with computationally intensive statistical methods. It explains underlying ideas, and methodological issues are discussed in detail. Special emphasis is placed on algorithmic and numerical aspects of practical implementation.
Prerequisites for attending	

Course Type	**Lecture, Seminar, etc.**	**Contact time**	**Workload [h]**
	lecture and tutorial	4 hrs per week	(c) 60 (s) 165

Examination(s)	**Type of Examination**	**Grades**
	written or oral exam	yes

Special Course Achievements	
Other	

(c) contact time per term / (s) self study per term *January 2012*