Georg-August-Universität Göttingen **Module M.WIWI-QMW.0033: Current Topics in Applied Statistics**	6 C 2 WLH

Learning outcome, core skills: The students: • learn how to study current topics in applied statistics independently and how to make themselves familiar with the state of the art of current research, • learn how to present the current state of the art in a presentation in a way that makes the contents accessible to a wider audience (and in particular other students), • can evaluate current publication with respect to their applicability for a given research question, • can implement novel statistical methods and apply them to empirical data.	**Workload:** Attendance time: 28 h Self-study time: 152 h

Course: M.WIWI-QMW.0033.Sem **Current Topics in Applied Statistics** (Seminar) *Contents*: In the seminar, current topics in applied statistics will be presented and discussed by the students.	2 WLH
Examination: Term paper (max. 15 pages) with presentation (ca. 45 minutes) M.WIWI-QMW.0033.Mp: Current Topics in Applied Statistics **Examination prerequisites:** Regular attendance.	6 C

Examination requirements: The students demonstrate their ability to present statistical and econometric models and results and to document their findings in a corresponding report.	

Admission requirements: none	**Recommended previous knowledge:** M.WIWI-QMW.0002 Advanced Statistical Inference (Likelihood & Bayes) M.MED.0001 Linear Models and their Mathematical Foundations M.WIWI-QMW.0021 Introduction to Statistical Programming
Language: English	**Person responsible for module:** Prof. Dr. Thomas Kneib
Course frequency: irregular	**Duration:** 1 semester[s]
Number of repeat examinations permitted: twice	**Recommended semester:** 3 - 4
Maximum number of students: 15	

Additional notes and regulations:

The module is suitable for students of the Master's degree program Applied Statistics, as advanced statistical knowledge is required.