

Georg-August-Universität Göttingen Universität Kassel/Witzenhausen Module M.SIA.E45: Introduction to choice experiments in food economics	6 C 4 WLH
Learning outcome, core skills: • Students experience the entire process of (choice) experimental practice in the field of social sciences, including its possibilities, limitations and interpretation of results • Students learn how to identify and narrow down a research question into a testable hypothesis. Students learn how to test such a hypothesis by identifying control and treatment groups, the importance of power calculations, sampling design and analysis of data. • Students improve their general understanding of the scientific practice, correct interpretation of scientific results and their contribution to (public) decision making. • Students train their teamworking skills, through brainstorming exercises, discussions, self-organization and distribution of tasks of the team.	Workload: Attendance time: 55 h Self-study time: 125 h
Course: M.SIA.E45 Introduction to choice experiments in food economics (Block course, Exercise) Contents: This module consists of two blocks. • The first block concerns the introduction to choice experimental practice and the set-up of a small online experiment addressing a specific research question in the field of agricultural, food or nutrition economics. • The second block concerns the analysis of the obtained data and interpretation of results. Students will work in groups of 4-5 students to identify and narrow down a research question in the field of agriculture, food or nutrition economics, learn how to translate a research question into a testable hypothesis, design the choice experiment, perform power calculations, and effectively launch the online survey. In the second part, the results of the survey will be analysed and each group will present the results, limitations and lessons learned.	4 WLH
Examination: Term Paper (max. 10 pages, 70%) and presentation (approx. 20 minutes, 30%) M.SIA.E45.Mp: Introduction to choice experiments in food economics Examination requirements: Short paper describing the set-up and execution of the experiment (70%), and presentation presenting the approach, results and limitations/lessons learned (30%)	6 C
Admission requirements: Econometrics I (M.WIWI-QMW.004), M.SIA.E12M: Quantitative research methods in rural development economics	Recommended previous knowledge: Basic statistics/econometrics Students proof that they are capable of

Or a similar introduction to statistics or econometrics	- Identifying research question and developing a testable hypothesis - Collaborate in groups to brainstorm, guide the discussion towards a practically implementable outcome, and implement the experiment - Analyse, interpret and discuss experimental results
Language: German, English	Person responsible for module: Prof. Dr. Liesbeth Colen
Course frequency: each summer semester; Göttingen	Duration:
Number of repeat examinations permitted: twice	Recommended semester:
Maximum number of students: 12	