BW117: Data Acquisition				Study Programme:	M
Module Type:	**ECTS Credits:**	**Workload:**	**Study Semester:**	**Module Duration:**	
Optional	8	240	1. Or 3.	one semester	

Courses (HPW=hours per week):	Contact hours:	Independent study:	Planned Group Size:
Course 1: Data Acquisition (3 HPW)	45h	135h	20
Course 2: Data Acquisition – Practical Group Work (1 HPW)	15 h	45h	20

Intended Learning Outcomes (ILOs):

By the end of the module, students will be able to
- describe and contrast alternative forms of data collection;
- plan, create, and evaluate primary statistical data collection using questionnaires
- Work on scientific questions with primary statistical data collection and answer them in the form of a presentation of results;
- classify and assess official and non-official secondary statistics.

Key competencies:

- Academic research and writing
- Critical thinking
- Analytical skills
- Willingness to learn and accomplish
- Expressiveness (oral and written)

Description/Contents:

Course 1: Data Acquision
1 Primary statistical data collection methods

    1.1 Research question and research process

    1.2 Interview, observation, experiment

    1.3 Data collection by questionnaires

2 Sample design

    2.1 Determination of necessary sample size

    2.2 Cost calculation

    2.3 Random and non-random selection procedures

3 Secondary statistical data sources

    3.1 Use of non-official data sources

    3.2 Task and organization of official statistics

    3.3 Selected departmental statistics (esp. population statistics)

The course content is reinforced by accompanying exercises.

Course 2: Data Acquision – Practical Group Work
Addressing a selected research question using primary statistical data collection in small groups.
- Questionnaire planning
- Carrying out the data collection
- Data evaluation and analysis
- Presentation of the results

Language:

The language of the module is German.

Teaching Methods:

Lectures, group work, self-study, exercises, presentation

Module Applicability:

M.Sc. Business Administration; M.Sc. Economics; M.Sc. Economic Chemistry

Pre-requisites/Requirements:

Admission to the master's degree program "Business Administration", "Economics", "Economic Chemistry". Basic knowledge of statistical methods from the Bachelor's program is required.

Examination Types:

The final module examination takes the form of other examinations.
- Written exam (60 min - 60%)
- Assessment of the project work (presentation of results - 40%)

Requirements for Award of Credit Points:

Successful participation in the exam. The exam will be passed if the grade is at least „sufficient" (4,0).

Availability:

The module will be offered generally each winter term.

Assessment:

This course will be graded and is part of the calculation for the overall grade of your master degree. Particular information concerning the calculation of the overall grade can be gathered in the respective examination regulations.

Person Responsible and Main Lecturer:

Apl. Prof. Dr. Peter Lorscheid

Other Information:

Current information can be found on the module officer's website.