

Modulkarte/ Modulecard

Master REAP
HCU Hamburg

Module No.	Semester	Teaching staff	Entire module-coordinator
REAP_M0102	1	Peters	Prof. Irene Peters, Ph.D.

Module name	Subject area	Duration/ sem.	Frequency of offering	Type (C/CE/E)	Emphasis in overall grade/ %
Research Methods and Statistics	Fundamentals and Methods	1	yearly	C	4,17

CP (according to ECTS)	Workload/ h.	Self-study/ h.	Contact time/ h.	Contact hours/ week	Type of exam
5	150	105	45	3 SWS	S

Previous knowledge/ Conditions for participation (in form and content)
None

Educational aim of the module (Learning results, Skills)
Understanding of different research philosophies and ability to judge what constitutes scientific method

Course contents

- Basic concepts in epistemology and philosophy of science
- Different understandings of and perspectives on theoretical and empirical research (qualitative and quantitative research)
- The role of models and computers
- Fundamentals of statistical reasoning
- Principles of scientific work

Teaching and learning methods
Lectures and tutorials, individual student inputs for specific subjects.

Condition for awarding the ECTS- credits
Semester work (collection) (S): regular participation and one or more of the following: Successful completion of student report, oral presentation, take-home written exam.

Further information
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Latest update: 28.07.2009