



PhD Course

## Mixed methods in health care research

Block course: 2024 May 6, 13, and 27; 9-16 h

Esplanade 36, room 4030/31

**Course Instructors:** PD Dr. phil. Christine Blome

**Course Value:** 2 SWS

**Assessment/Student evaluation:** Active participation; presentation of a study design outline using mixed-methods on May 27 (group or single presentation, depending on number of participants). Grading for students of University of Hamburg will be pass/fail.

**Course Language:** English

**Software:** n/a

**Prerequisites/Literature:** n/a

**Registration:** Please register via STiNE. For all organizational matters please contact e-mail [grk-hche.bwl@uni-hamburg.de](mailto:grk-hche.bwl@uni-hamburg.de) (Please remember that places will be allocated in order of received registrations)

### Course Overview:

This course will provide an introduction to Mixed Methods in health care research

### SYLLABUS

- **Day 1: Foundations of Mixed Methods Research in Healthcare**

Morning session (3 hours)

- Introduction to Mixed Methods Research (MMR)
- Introduction to Qualitative Research
- Qualitative data collection methods in MMR: interviews, focus groups, observations, and document analysis
- Overview of research designs: Sequential explanatory, sequential exploratory, and convergent designs
- The role and importance of MMR in healthcare research

Afternoon session (3 hours)

- Designing research questions and hypotheses in MMR
- Integration of qualitative and quantitative data collection

- Practical exercises on formulating research questions and selecting an appropriate MMR design
- **Day 2: Data Collection and Analysis in Mixed Methods Research**
  - Morning session (3 hours)
    - Introduction to qualitative data analysis
    - Strategies for integrating and mixing data
    - Software tools for qualitative data analysis
  - Afternoon session (3 hours)
    - Group activities on data analysis and integration
    - Group discussion and feedback
    - Preparation for student presentations
- **Day 3: Student presentations: applications of MMR**
  - Morning session (3 hours)
    - Student presentations: potential research projects and applications of MMR in participants' specific areas of interest
    - Group discussion and feedback on presentations
  - Afternoon session (3 hours)
    - Student presentations (continued)
    - Group discussion and feedback on presentations
    - Wrap-up, course summary, and closing remarks