



PhD Course

## Development & Use of Patient-Reported Outcomes

Block course: 2024 February 22 and 29; March 21; 9-16 h

Esplanade 36, room 4030/31

**Course Instructors:** PD Dr. phil. Christine Blome and Univ.-Prof. Dr. med. Matthias Augustin

**Course Value:** 2 SWS (5 credit points for Graduate Program Business Administration)

**Assessment/Student evaluation:** Active participation; presentation and critical discussion of a Patient-Reported Outcomes Measure (PROM) on March 21 (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 [cgrk-hche.bwl@uni-hamburg.de](mailto:cgrk-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 Patient-Reported Outcomes, their relevance in medical and health economic research, and their development, validation, selection, and use in the research context.

### SYLLABUS

- **Day 1: Understanding Patient-Reported Outcomes (PROs)**  
Morning session (3 hours)
  - Introduction to Patient-Reported Outcomes (PROs)
  - The significance of PROs in medical and health economic research
  - Types and categories of PROs; introduction to preference-based PROs
  - Practical applications and real-world examples of PROs: how to use PROs for your research topic?

#### Afternoon session (3 hours)

- Developing and validating PROs according to COSMIN (Consensus-based Standards for the selection of health Measurement Instruments)
- Measurement properties, e.g., reliability, validity, and responsiveness
- Hands-on exercises for evaluating PRO instruments (cognitive debriefing method)
- Feedback and discussion of role-play outcomes

- **Day 2: Selection and Evaluation of Patient-Reported Outcomes**

#### Morning session (3 hours)

- Selecting appropriate PROs for research and clinical settings
- Interpretation of PROM data
- Assessing the quality of PRO instruments: COSMIN tools and guidelines for PRO evaluation

#### Afternoon session (3 hours)

- Group exercises for evaluating and critiquing PROs using COSMIN guidelines
- Preparation for student presentations

- **Day 3: Practical Application and Student Presentations**

#### Morning session (3 hours)

- Student presentations: Each student / student group presents a selected PROM and discusses it critically
- Group discussion and feedback on presentations
- Professor Matthias Augustin: Use of PROs in dermatology

#### Afternoon session (3 hours)

- Student presentations (continued)
- Group discussion and feedback on presentations
- Wrap-up, course summary, and closing remarks