



PhD Course (block course)

Development & Use of Patient-Reported Outcomes

6+13+20 November 2026; 9h00-16h00
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

Assessment/Student evaluation: Active participation; presentation and critical discussion of a Patient-Reported Outcomes Measure (PROM) on 20 November 2026 (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. 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 = 6Nov2026: 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 = 13Nov2026: 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 = 20Nov2026: 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