

Wissenschaftliche Qualifizierung (auf Englisch): Research Methods and Data Analysis in Developmental Psychology

Zielgruppe

Promovierende (R1)

(if places are still available, all members and affiliates of the University of Vechta can participate)

Inhalte und Ziele

Research in developmental psychology relies on rigorous methodological approaches to study human development across the lifespan. Understanding how research designs shape findings, how data are collected and analyzed, and how results can be interpreted in relation to psychological theories is crucial for conducting high-quality research.

This course consists of **two full-day workshops**, each focusing on a key aspect of developmental psychology research. **Participation in both workshops is recommended, but it is also possible to attend only one.**

In the first workshop, **“Research Methods in Developmental Psychology – Foundations and Designs”**, participants will explore fundamental research methods, including the formulation of research questions, key study designs (e.g., cross-sectional, longitudinal, and sequential approaches), and ethical considerations. Through interactive sessions, participants will learn how to design their own developmental research studies and critically evaluate methodological choices in existing research.

The second workshop, **“Data Analysis and Interpretation in Developmental Psychology”**, focuses on statistical techniques for analyzing developmental data, working with simulated datasets, and linking research findings to established psychological theories. Participants will engage in practical data analysis exercises, interpret statistical results, and learn how to communicate their findings effectively through visualizations and written summaries.

Throughout both workshops, participants will have the opportunity to discuss their own research projects, receive peer feedback, and apply theoretical knowledge to real-world research scenarios.

Referent

Prof. Dr. Christopher Osterhaus (Juniorprofessor für Entwicklungspsychologie im Handlungsfeld Schule)

Christopher Osterhaus is an Assistant Professor of Developmental Psychology in Education at the University of Vechta. He received his doctoral degree from the Freiburg University of Education and was a postdoctoral research fellow at the University of Wisconsin-Madison and the Ludwig-Maximilians-Universität München.

Christopher has published widely on various topics in leading journals, including *Child Development*, *Developmental Science*, or *Developmental Review*. His work explores the development of scientific reasoning, social cognition, and the role of epistemological beliefs in children’s learning processes. www.costerhaus.com

Organisatorisches

Datum, Zeit, Ort

Workshop 1: Research Methods in Developmental Psychology – Foundations and Designs
Thursday, April 3, 2025, 10 a.m. – 5 p.m., room R148

Workshop 2: Data Analysis and Interpretation in Developmental Psychology
Thursday, July 3, 2025, 10 a.m. – 5 p.m., room R036 (KOMFORTzone)

Participation in both workshops is recommended, but it is also possible to attend only one.

Teilnehmer*innenzahl

approx. 10 persons

Anmeldung

By March 28, 2025 by email to the Graduate Centre of the University of Vechta (graduierzenzentrum@uni-vechta.de) (employees of the University of Vechta please cc their supervisor for information).