

ACCURATELY

MEASURE STUDENT
LEARNING OVER TIME

ANSWER

FUNDAMENTAL QUESTIONS
ABOUT BARRIERS TO
EDUCATIONAL SUCCESS

KNOW

WHETHER AN EDUCATIONAL
POLICY OR INTERVENTION
WORKED

In Quantitative Research Methods in Education (QRME), you will research the design, implementation, and evaluation of policy and programs across all levels of the education system. You will couple theoretical knowledge from substantive fields such as public policy, economics, sociology, and statistics with applied quantitative educational research methods to generate insights on how to improve educational opportunity.

ABOUT UO AND EUGENE

Nestled in the lush and temperate Willamette Valley about 100 miles south of Portland, with an easy 1-hour drive to both the Pacific Ocean and the Cascade Mountains, the University of Oregon is renowned for its research prowess and commitment to education.

With approximately 23,000 students and over 2,000 teaching and research faculty, UO is located in Eugene, the hub of a metropolitan area with a population of approximately 350,000 and a plethora of outdoor recreation and cultural opportunities.



PhD in Quantitative Research Methods in Education

Want to learn more? Connect with us today!



www.education.uoregon.edu/qrme



541-346-3405



1215 University of Oregon, Eugene, OR 97402



STUDENT EXPERIENCE

Collaborate with mentor faculty members and other scholars around the university.

Engage in original research, present findings in national conferences, and publish articles in prominent outlets.

Share works in progress and create research agenda in departmental seminar.

Develop higher education teaching skills.

QUICK FACTS

108 total quarter credits (equivalent to 72 semester credits); at least 81 after admission.

Full-time, on-campus cognitive apprenticeship model anchored to a program of research.

Guaranteed 4 years of funding (tuition, benefits, stipend) for all students.

FEATURED FACULTY



How do peers influence classmates' learning and what might be done to support schools where student needs are highly concentrated?

David Liebowitz | daviddl@uoregon.edu



How can we make sure that schools are serving English-learner and immigrant students in just and excellent ways?

Ilana Umansky | ilanau@uoregon.edu



How can we determine causal effects of school programs or policies when randomized experiments are not possible?

Keith Zvoch | kzvoch@uoregon.edu



Can we better tap hard-to-measure constructs for data in decision making using adaptive software tools and dynamic algorithms?

Kathleen Scalise | kscalise@uoregon.edu

Explore what's working in education, what isn't, and how we know.

“Our graduates go on to serve as directors of research and evaluation in local, state, and national education agencies; researchers in independent research firms; university faculty members; and more.”

— KEITH ZVOCH, PHD

ADVANCED QUANTATIVE METHODS

Students take a deep dive into advanced quantitative methods, including:

- Structural Equation Modeling
- Causal Inference
- Hierarchical Linear Modeling
- Item Response Theory
- Machine Learning for Educational Data Science
- Meta-analysis and more!

Students also have access to the new Social Systems Data Science Network, which aims to accelerate data-driven research and outreach efforts in the educational, behavioral, and social sciences.

This network provides training and research opportunities at the forefront of social science data analytics.