Education Studies Graduate Specializations

- Educational Data Science (https://catalog.uoregon.edu/archive/2025-2026/education/education-studies/specializations/#educationaldatasciencetext)
- Quantitative Research Methods (https://catalog.uoregon.edu/archive/2025-2026/education/education-studies/specializations/#quantitativeresearchmethodstext)

Educational Data Science Graduate Specialization

Code	Title	Credits
EDLD 651	Introductory Educational Data Science	3
EDLD 652	Data Visualization for Educational Data Science	3
EDLD 653	Functional Programming for Educational Data Science	3
EDLD 654	Machine Learning for Educational Data Science	3
EDLD 609	Terminal Project	1-16

Please contact EMPL Department for Admission Application and Declaration of Specialization.

Please see the Educational Data Science Specialization Program Website for more information: Specialization in Educational Data Science | College of Education (uoregon.edu) (https://education.uoregon.edu/epol/specialization-educational-data-science/)

To apply to DECLARE a specialization, please see the Division of Graduate Studies' instructional webpage at: https://graduatestudies.uoregon.edu/academics/policies/specializations/pursuing-specialization

Quantitative Research Methods Graduate Specialization

The graduate specialization in quantitative research methods is designed primarily for doctoral students who have chosen quantitative methods as their primary research tradition in the College of Education. Doctoral students in other colleges and programs may be eligible but should confirm with the sponsoring department, the Department of Educational Methodology, Policy, and Leadership. The specialization is a rigorous training program in advanced quantitative research methods designed to prepare PhD students, with a competitive focus on quantitative research methods, for research and scholarship careers in education and the social sciences. Students take a minimum of 20 credits (five 4-credit courses) from among the department's advanced quantitative methods course offerings, building critical expertise in quantitative methodology including applied educational statistics and research design. The course requirements include a two-course sequence in at least one advanced quantitative method and three additional quantitative methods courses.