

Doctorate in Psychological Studies in Education with a specialization in Quantitative, Qualitative, and Psychometric Methods

Each student, working with his/her supervisory committee, will develop a program of study that is suited to the student's scholarly interests and career aspirations. This program of study will contain (a) a set of coursework and experiences that is common to all students in the program, and (b) a configuration of coursework and experiences that is unique to the student's academic needs and interests.

Listed on this page are the course requirements and experiences required of QQPM doctoral students. Note that the minimum requirements are indicated in each area. It is expected that a given student's program will exceed the minimum requirements in several areas, dependent upon his/her academic needs. It is also expected that students are competent in analysis packages and/or programming language(s).

It is assumed that all QQPM doctoral students will enter the program with coursework in the following areas: (a) introductory statistics, (b) introductory measurement, and (c) basic research methods. Students who are deficient in one or more of these areas will be required to remove these deficiencies through appropriate coursework at UNL. Coursework taken to remove deficiencies may not be counted toward the minimum program requirements outlined below.

In some rare and exceptional circumstances, substitution of the common studies courses may be possible in accordance with departmental and graduate school procedures.

Course Requirements

Quantitative and Qualitative Foundation Core (15 hours):

- EDPS 941 Intermediate Statistics: Experimental Methods
- EDPS 942 Intermediate Statistics: Correlational Methods
- EDPS 970 Theory and Methods of Educational Measurement
- EDPS 900K Qualitative Approaches to Educational Research
- EDPS 900A Correlational and Experimental Methods in Educational Research

Common Studies (12 hours):

Individual/Developmental (Select one of the following)

- EDPS 850 Child Psychology
- EDPS 851 Psychology of Adolescence

Learning

- EDPS 854 Human Cognition and Instruction

Social Behavior (Complete both courses)

EDPS 962 Research Literature in Personality and Social Development
EDPS 852 Dynamics of Small Groups

Multicultural/Diversity/Global Perspectives (3 hours):

The program of study for each QQPM doctoral student will include new coursework and/or experiences that address substantively multicultural and/or global perspectives. The supervisory committee for each student will develop a plan to fulfill this requirement. Example courses are EDPS 991N: Qualitative Methods and Diversity, EDPS 991J: Testing Members of Special Populations. Other relevant courses may be approved.

Doctoral Seminar (12 hours):

4 semesters at 3 credits per semester

Dissertation (12 hours)

Additional Requirements

Conference Presentation

All students are expected to make a presentation at a Professional regional, national, or international conference (e.g., AERA, APA, MWERA, NCME, Psychometric Society).

Writing Requirement

Submission of a publishable manuscript to a refereed research journal is expected of all students. Fulfillment of this requirement may be based on the student's Masters Thesis or EDPS 996A (Research Other Than Thesis).

Organization Effectiveness and Educational Foundations

3 hours at either the 800 or 900 level or consulting in the NEAR Center; CYFS Statistics and Research Methodology Unit (SRM); Survey, Statistics and Psychometrics (SSP) Core Facility; BIACO; or an equivalent approved organization.

Teaching

Each QQPM student will complete new coursework (e.g., Principles of College Teaching) and/or experiences related to teaching. Each student's supervisory committee will plan an acceptable combination of coursework and experiences for that student, depending upon his/her career aspirations.

Electives (39 hours):

The intent of the sample courses is to facilitate development of the student's program and not to restrict the choices available to satisfy the course requirements in a given area.

Courses that are not in the list of sample courses may be used to satisfy doctoral requirements, subject to approval by the student's supervisory committee.

EDPS 930A Ethnographic Methods
EDPS 935 Seminar in Qualitative Research
EDPS 936 Mixed Methods Research
EDPS 969 Intermediate Statistics: Nonparametric Methods
EDPS 971 Structural Equation Modeling
EDPS 972 Multivariate Analysis
EDPS 973A Evaluation Theory and Practice
EDPS 973B Evaluation Practicum
EDPS 991R Practicum in Educational Psychology
EDPS 980 Item Response Theory
EDPS 991 Seminar in Educational Psychology and Measurement
EDPS 996A Research Other than Thesis
EDPS 996B Readings in Educational Psychology
PSYC 943 Factor Analysis
SRAM 865 Survey Design and Analysis
SRAM 898 Special Topics: Cross-Cultural Instruments
SRAM 946 Psychology of Survey Response
SRAM 947 Questionnaire Design
STAT 901A Basic Multiple Regression
STAT 901B Advanced Multiple Regression and Covariance
STAT875 Categorical Data Analysis
STAT970 Linear Models
PSYC 993 Seminar in Program Evaluation

EDPS 900J Historical Methods in Educational Research
EDPS 900B Single Case/Small N Methods in Educational Research
EDPS 900D Survey Methods in Educational Research

Additional coursework in DLS

ANTHRO 882 Research Methods in Anthropology

TOTAL MINIMUM PROGRAM: 90 HOURS