MINOR IN QUANTITATIVE RESEARCH METHODOLOGY

A. Procedure and Requirements

A minor in Quantitative Research Methodology is awarded to students who successfully complete a minimum of 18 credits of intermediate and advanced quantitative research methodology course work in the Research Methodology Program in the Department of Psychology in Education. The course work must be distributed as follows:

1. A minimum of 6 credits in statistical methods.
2. A minimum of 3 credits in measurement.
3. A minimum of 3 credits in research design.

All courses a student wishes to apply toward the minor must be (a) taken in the Research Methodology Program in the Department of Psychology in Education (except for the two EDUC classes specified below), (b) at the intermediate or advanced level (see Section C), and (c) completed with a minimum quality point average of 3.25. A comprehensive examination for the minor is not required. Courses may not be transferred from outside the Research Methodology Program Courses. Courses that are cross-listed with another department must be taken by registering under a PSYED course number. Since the specific courses a student takes are up to the student, no exceptions to the distribution requirement are granted. Section C lists the courses that may be applied toward the minor.

B. Steps for Progressing Through the Minor

Listed below are the steps to be followed for a minor in Quantitative Research Methodology within the Department of Psychology in Education.

1. A minor advisor is arranged. Usually a student who wants to minor in Quantitative Research Methodology simply asks a Research Methodology faculty member to serve as the minor advisor. If a student does not know a Research Methodology faculty member, the Program Coordinator should be contacted and a minor advisor will be appointed.

2. A proposed Plan of Studies for the minor is developed by the student and the minor advisor. The form used for this purpose is shown in Appendix H.

3. The proposed Plan of Studies is submitted by the minor advisor to the Research Methodology faculty for approval. Approval of the proposed Plan of Studies constitutes its acceptance.

4. When the courses on the approved Plan of Studies have been completed with a quality point average of at least 3.25, the minor is certified by the Research Methodology Program Coordinator.

C. Courses That May be Applied Toward a Minor in Quantitative Research Methodology in the Department of Psychology in Education
Statistical Methods Courses (minimum of 6 credits)
PSYED 2018 Statistics I or EDUC 3100 Intro to Quantitative Methods
PSPSYED 2019 Statistics II
PSYED 2410 Applied Regression Analysis or EDUC 3103 Intermediate Quantitative Methods

Measurement Courses (minimum of 3 credits)
PSYED 2072 Educational and Psychological Measurement
PSYED 2073 Constructing Achievement and Ability Tests
PSYED 3471 Constructing Questionnaires and Conducting Surveys

Research Design Courses (3 credits)
PSYED 2030 Experimental Design

Some of these courses have prerequisites; see the description of courses.

Other Courses That May Apply

The Research Methodology faculty offer courses which are not on the above lists, but which may be applied toward the minor. Students should consult with their RM minor advisor before registering for these courses if they wish to apply them toward the minor. Some of these courses have prerequisites.

Additional information may be obtained from:
Program Coordinator for Research Methodology
Department of Psychology in Education
5930 WWPH
Pittsburgh, PA  15260
Telephone:  (412) 624-7230
FAX:  (412) 624-7231
# PLAN OF STUDIES
## MINOR IN QUANTITATIVE RESEARCH METHODOLOGY

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Plan of Studies Approved: Program Coordinator  
Date

Minor Certified: Program Coordinator  
Date