

**DEGREE/PROGRAM CHANGE
FORM C
Form Number: C1219**

Fields marked with * are required

Name of Initiator: Rikk Murphy **Email:*** rikk@unm.edu **Date:*** 02-13-13
Phone Number:* 505-277-5009 Initiator's Title* Coordinator Program Advisement, Psych Dept

Associated Forms exist?* Yes ▼

Faculty Contact* Katie Witkiewitz
Department* Psychology

Administrative Contact* Rikk Murphy
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Branch

Proposed effective term:

Semester Fall ▼ Year 2014 ▼

Course Information

Select Appropriate Program Graduate Degree Program ▼

Name of New or Existing Program * PhD Psychology Quantitative Methodology Emphasis

Select Category Emphasis ▼ Degree Type PhD

Select Action New ▼

Exact Title and Requirements as they should appear in the catalog. If there is a change, upload current and proposed requirements.

See current catalog for format within the respective college (upload a doc/pdf file)

[Quant Emphasis Catalog Description.docx](#)

Does this change affect other departmental program/branch campuses? If yes, indicate below.

Reason(s) for Request * (enter text below or upload a doc/pdf file)

The purpose of adding the quantitative emphasis is to provide specialized training in the application of quantitative methodology to the study of psychological processes and human behavior.

[Quant Emphasis reason.docx](#)

Upload a document that includes justification for the program, impact on long-range planning, detailed budget analysis and faculty workload implications.*

[Quant Emphasis justification.docx](#)

Emphasis in Quantitative Methodology for all Psychology Concentrations

Current students in any Psychology Concentration, other than Quantitative Methodology, may choose an emphasis in Quantitative Methodology. Students choosing an Emphasis in Quantitative Methodology must complete nine hours of graduate coursework in the Quantitative/Methodology area. Any of the following courses may be used to satisfy the requirements for this emphasis. Requests to use other courses will be reviewed by the Quantitative Methodology committee on a case-by-case basis.

Psychology

PSY 650	Multivariate Statistics
PSY 650	Latent Variable Modeling
PSY 650	Advanced Latent Variable Modeling
PSY 650	Analysis of Data
PSY 650	Programming in Psychology

Educational Psychology

EDPY 606	Applied Multivariate Statistics
EDPY 607	Structural Equation Modeling

Statistics

STAT 574	Biostatistical Methods: Survival Analysis and Logistic Regression
STAT 576	Multivariate Analysis
STAT 577	Introduction to Bayesian Modeling
STAT 581	Introduction to Time Series Analysis

Public Health

PH 502	Epidemiologic Methods
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Electrical and Computer Engineering

ECE 595	Analysis Methods in Functional Magnetic Resonance Imaging
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Reason for Request:

The purpose of the emphasis in Quantitative Methodology is to provide specialized training in the application of quantitative methodology to the study of psychological processes and human behavior. We should offer this emphasis because many of our psychology graduate students desire to take additional quantitative coursework in addition to the quantitative requirements and we would like a formal process for recognizing their additional training in quantitative methods. In addition, we recognize that students with advanced training in quantitative methods are more competitive for research and academic positions upon graduation.

Budgetary and Faculty Load Implications

An emphasis in Quantitative Methods will not require additional budgetary resources or additions to our current faculty. There are no direct implications regarding faculty load. The courses required for this emphasis are already being offered in our department, the Department of Mathematics/Statistics, and in the Department of Educational Psychology.

Long-Range Planning

This emphasis will enable the Department of Psychology to meet the long-range goals of training more of our PhD students in advanced quantitative methods and developing a base of students that are more competitive for academic and research positions post-graduation because of their additional quantitative training.