PSYCHOMETRICS AND QUANTITATIVE PSYCHOLOGY (PH.D.)

Overview

Fordham’s doctoral program in psychometrics and quantitative psychology (PQP) offers the opportunity to acquire a variety of advanced and sophisticated measurement, evaluation, and statistical skills, preparing our graduates for careers in industry, research, or teaching. The program requires 81 credits beyond a bachelor’s degree (51 credits for students who hold an M.S. or M.A. degree in a relevant field), a comprehensive exam, and a Ph.D. Dissertation.

Requirements

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
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<tr>
<td>PSYC 6005</td>
<td>ETHICS IN PSYCHOLOGY</td>
<td>3 to 4</td>
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<tr>
<td>or CEED 6100</td>
<td>THEORIES&amp;APP IN CONTEMP ETHICS</td>
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<tr>
<td>PSYC 6666</td>
<td>HISTORY AND SYSTEMS</td>
<td>3</td>
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Content bases

- PSYC 6066: HISTORY AND SYSTEMS
- PSYC 6654: INTRODUCTION TO NEUROSCIENCE
- PSYC 5710: ISSUES IN SOCIAL PSY
- or PSYC 6510: SOCIAL INFLUENCES ON BEH
- PSYC 6330: COGNITIVE DEVELOPMENT
- or PSYC 6370: COGNITION AND AFFECT
- PSYC 6225: PERSONALITY THEO & RESEARCH
- or PSYC 6340: PERSONALITY DEVELOPMENT

Methodological Bases

- PSYC 6802: INTRO TO PSY STATISTICS W/ LAB
- PSYC 6830: PSY RESEARCH METHODOLOGY
- PSYC 7804: REGRESSION WITH LAB
- PSYC 7816: INTRODUCTION TO MULTIVARIATE ANALYSIS
- PSYC 7965: EXPERIMENTAL DESIGN

Statistics & Research Core Courses

Seven of the following:

- PSYC 7806: MULTIDIMENSIONAL SCALING
- PSYC 7821: Advanced Multivariate Analysis for Psychology
- PSYC 7827: MODELS OF DECISION AND CHOICE
- PSYC 7830: STRUCTURAL EQUATION MODELING
- PSYC 7850: HIERARCHICAL LINEAR MODELS
- PSYC 7920: ITEM RESPONSE THEORY
- PSYC 7940: BAYESIAN STATISTICS
- PSYC 7950: CORRESPONDENCE ANALYSIS

Five Supplemental courses from the following:

- PSYC 5100: PSYCOMETRICS-THEORY
- PSYC 6106: COGNITIVE ASSESSMENT WITH LAB
- PSYC 6119: PERSONALITY ASSESS WITH LAB

Thesis & Seminars

Six classes in the following:

- PSYC 8013: PSYCHOMETRIC TOPICS SEMINAR I
- or PSYC 8014: PSYCHOMETRIC TOPICS SEMINAR II

All of the following:

- PSYC 8025: RESEARCH COLLOQUIUM
- PSYC 8040: INDEPENDENT RESEARCH
- or PSYC 805: PRE-DOCTORAL THESIS
- PSYC 0960: PROPOSAL ACCEPTANCE
- PSYC 0970: Dissertation Mentoring-Psychology
- PSYC 0930: PSYCHOLOGY DOCTORAL COMPREHENSIVE EXAMINATION

Total Credits: 90-93

1 More information about the Comprehensive Examination can be found on the information page on the Fordham website.

Supplemental courses

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<td>FACTOR ANALYSIS</td>
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<td>PSYC 7815</td>
<td>CLUSTER ANALYSIS</td>
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<td>PSYC 7820</td>
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<td>PSYC 7832</td>
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<td>PSYC 7960</td>
<td>EQUATING TEST SCORES</td>
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<td>PSYC 7860</td>
<td>Introduction to Diagnostic Models</td>
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Updated: 10-25-2018