

# APPLIED PSYCHOLOGICAL METHODS (M.S.)

## Overview

The applied psychological methods master's degree program currently requires 30 semester hours for the M.S. degree. After no more than one semester, students specialize in one of two concentrations. The program focuses on the evaluation of programs and program delivery, social policy, organizational change, and specific content areas such as education, development, or cognition. It also focuses on applying advanced statistical approaches to real-world problems, using techniques such as item response theory, structural equation modeling, and hierarchical linear modeling.

Students will complete a total of three core courses (9 credits), and six specialization courses (18 credits), and a one-semester internship (3 credits). Full-time students are expected to take three or four 3-credit courses a semester, part-time students one or two. Internships may be arranged following one semester of completed work. Any substitutions must be reviewed and approved by the director of the M.S. program. Additional coursework completed over the summer or transferred from a prior institution may reduce the number of courses required per semester.

## Requirements

Course	Title	Credits
PSYC 6802	Introduction to Psychology Statistics w/ Lab	3
PSYC 6010	Research Ethics and Social Justice	3
PSYC 6830	Psychology Research Methodology	3
PSYC 8001	Internship in Applied Psychological Methods <sup>1</sup>	3
Three required and three elective courses from one of the following concentrations:		18
Program Evaluation		
Tests and Measurement		
<b>Total Credits</b>		<b>30</b>

<sup>1</sup> For more information on the Internship requirement, visit our page on the Fordham website.

## Concentrations

### Program Evaluation concentration

Course	Title	Credits
POSC 5251	Political Survey Research	3
PSYC 6850	Evaluation of Psychological and Social Programs	3
PSYC 7890	Qualitative Methods	3
Three electives with the PMPE attribute		9
<b>Total Credits</b>		<b>18</b>

Courses in this group have the PMPE attribute.

Course	Title	Credits
PSYC 5200	Fixing Psychology's Replication Crisis	3
PSYC 5710	Issues in Social Psychology	3
PSYC 6225	Personality Theories and Research	3
PSYC 6290	Health Disparities and Social Justice in Research and Practice	3
PSYC 6300	Developmental Psychology: Foundations	3
PSYC 6330	Cognitive Development	3
PSYC 7122	Developmental and Prevention Science	3

### Tests and Measurement concentration

Course	Title	Credits
PSGE 7711	Psychometric Theory	3
PSYC 7804	Regression with Lab	3
or PSYC 7816	Introduction to Multivariate Analysis	
PSYC 7920	Item Response Theory	3
or PSYC 7960	Equating Test Scores	
Three electives with the PMTM attribute		9
<b>Total Credits</b>		<b>18</b>

Courses in this group have the PMTM attribute.

Course	Title	Credits
CISC 5500	Data Analytics Tools and Scripting	3
CISC 5700	Cognitive Computing	3
CISC 5790	Data Mining	3
CISC 5900	Information Fusion	3
PSGE 7418	Non-Biased Assessment and Decision-Making	3
PSYC 5200	Fixing Psychology's Replication Crisis	3
PSYC 7812	Factor Analysis	3
PSYC 7830	Structural Equation Modeling	3
PSYC 7850	Hierarchical Linear Models	3
PSYC 7940	Bayesian Statistics	3
PSYC 7950	Correspondence Analysis	3
PSYC 7965	Experimental Design	3