

ADVANCED QUANTITATIVE METHODS IN PSYCHOLOGY CERTIFICATE PROGRAM

For details about this program, including program description, admission requirements, and contact information, click here (<https://www.montclair.edu/graduate/programs-of-study/advanced-quantitative-methods-in-psychology-certificate/>).

Program Requirements

Code	Title	Credits
Required Courses		
PSYC 550	Quantitative and Statistical Methods	3
PSYC 578	Psychometrics	3
PSYC 739	Multivariate Statistics	3
Quantitative Methods Course		
Complete one of the following:		3
PSYC 740	Theory Building and Model Testing	
	or PSYC 741 Hierarchical Linear Modeling	
Data Science/Programming Course		
Complete one of the following:		3
APLN 550	Computational Linguistics I	
APLN 563	Quantitative Linguistics	
CSIT 505	Python Programming	
CSIT 506	Data Structures with Python	
PSYC 546	Data Science for Social Scientists	
SOCI 556	Data Analysis	
Practical Statistical Assignment		
Complete one assignment from the following list:		
Teach an undergraduate statistics course.		
Complete an empirical thesis (see the Graduate Program Coordinator for details).		
Total Credits		15