

PSYCHOLOGY: DATA SCIENCE IN HUMAN BEHAVIOR, M.S.

REQUIREMENTS

MINIMUM GRADUATE SCHOOL REQUIREMENTS

Review the Graduate School minimum academic progress and degree requirements (<http://guide.wisc.edu/graduate/#policiesandrequirements>), in addition to the program requirements listed below.

NAMED OPTION REQUIREMENTS

MODE OF INSTRUCTION

Face to Face	Evening/ Weekend	Online	Hybrid	Accelerated
Yes	No	Yes	No	Yes

Mode of Instruction Definitions

Accelerated: Accelerated programs are offered at a fast pace that condenses the time to completion. Students are able to complete a program with minimal disruptions to careers and other commitments.

Evening/Weekend: Courses meet on the UW–Madison campus only in evenings and/or on weekends to accommodate typical business schedules. Students have the advantages of face-to-face courses with the flexibility to keep work and other life commitments.

Face-to-Face: Courses typically meet during weekdays on the UW–Madison Campus.

Hybrid: These programs combine face-to-face and online learning formats. Contact the program for more specific information.

Online: These programs are offered 100% online. Some programs may require an on-campus orientation or residency experience, but the courses will be facilitated in an online format.

CURRICULAR REQUIREMENTS

Requirements Detail

Minimum Credit Requirement	33 credits
Minimum Residence Credit Requirement	30 credits
Minimum Graduate Coursework Requirement	At least 27 (82%) credits applied toward the graduate degree credit requirement must be completed in graduate-level coursework; courses with the Graduate Level Coursework attribute are identified and searchable in the university's Course Guide.
Overall Graduate GPA Requirement	3.00 GPA required.

Other Grade None.

Requirements

Assessments None.

and Examinations

Language None.

Requirements

REQUIRED COURSES

Code	Title	Credits
Semester 1 (Fall)		
PSYCH 610	Design and Analysis of Psychological Experiments I	4
PSYCH 709	Proseminar in Data Science in Human Behavior	1
PSYCH 750	Programming for Human Behavioral Data Science	3
Elective (selected from list below)		3
Semester 2 (Spring)		
PSYCH 710	Design and Analysis of Psychological Experiments II	4
PSYCH 709	Proseminar in Data Science in Human Behavior	1
PSYCH 752	Applied Machine Learning for Behavioral Data Science	3
Elective (selected from list below)		3
Semester 3 (Summer)		
PSYCH 755	Environments and Tools for Large-Scale Behavioral Data Science	3
PSYCH 790	Capstone I	5
Semester 4 (Fall)		
PSYCH 791	Capstone II	3
Electives (Select 2)		
COMP SCI 564	Database Management Systems: Design and Implementation	
COMP SCI 744	Big Data Systems	
COMP SCI 763	Security and Privacy for Data Science	
COMP SCI 765	Data Visualization	
COMP SCI 784	Foundations of Data Management	
COMP SCI 838	Topics in Computing	
ECON 410	Introductory Econometrics	
ECON 451	The Economic Approach to Human Behavior	
E C E 379	Special Topics in Electrical and Computer Engineering (Topic: Data Science and Engineering)	
Total Credits		33

Students in this program may not take courses outside the prescribed curriculum without faculty advisor and program director approval. Students in this program cannot enroll concurrently in other undergraduate, graduate or certificate programs.