

Psychological and Quantitative Foundations, MA

Academic Plans

Sample Plans of Study

Sample plans represent one way to complete a program of study. Actual course selection and sequence will vary and should be discussed with an academic advisor. For additional sample plans, see MyUI.

Psychological and Quantitative Foundations, MA

- Educational Measurement and Statistics Subprogram
- Learning Sciences and Educational Psychology Subprogram

Educational Measurement and Statistics Subprogram

Course	Title	Hours
Academic Career		
Any Semester		
30 s.h. must be graduate level coursework; graduate transfer credits allowed upon approval. More information is included in the General Catalog and on department website. ^a		
Hours		0
First Year		
Fall		
PSQF:4143	Introduction to Statistical Methods ^b	3
PSQF:6257	Educational Measurement and Evaluation	3
Concentration Area course ^c		3
Hours		9
Spring		
PSQF:6220	Quantitative Educational Research Methodologies ^b	3
PSQF:6243	Intermediate Statistical Methods	3
PSQF:6255	Construction and Use of Evaluation Instruments	3
Hours		9
Second Year		
Fall		
PSQF:6246	Design of Experiments	3
Concentration Area course ^c		3
Hours		6
Spring		
Concentration Area course ^c		3
Elective course ^d		3
Final Exam ^e		
Hours		6
Total Hours		30

- a Students must complete specific requirements in the University of Iowa Graduate College after program admission. Refer to the Graduate College website and the Manual of Rules and Regulations for more information.
- b May substitute an equivalent course with advisor approval.
- c Students must complete at least 9 s.h. of concentration area courses, including one course from each of the following categories: measurement, statistics, and related. See the General Catalog for list of approved courses.
- d Work with faculty advisor to determine appropriate graduate elective coursework and sequence.
- e Nonthesis students must complete a written and an oral final examination. See the General Catalog and department website for more specifics.

Learning Sciences and Educational Psychology Subprogram

Course	Title	Hours
Academic Career		
Any Semester		
30 s.h. must be graduate level coursework; graduate transfer credits allowed upon approval. More information is included in the General Catalog and on department website. ^a		
Hours		0
First Year		
Fall		
PSQF:6200	Educational Psychology	3
PSQF:6205	Design of Instruction	3
Focus Area elective ^b		3
Hours		9
Spring		
PSQF:6208 or PSQF:6215	Digital Media and Learning or Online Instruction: Design and Facilitation	3
PSQF:6281	Cognitive Theories of Learning	3
Focus Area elective ^b		3
Hours		9
Second Year		
Fall		
PSQF:6204	Foundations of the Learning Sciences	3
PSQF:6214	Design of Learning Environments: Theory, Practice, and Method	3
PSQF:6299	MA Project: Portfolio/Internship/Practicum	2
Hours		8
Spring		
PSQF:6203	Tools and External Representations in Individual and Social Learning	3
PSQF:6299	MA Project: Portfolio/Internship/Practicum	1
Final Exam ^c		
Hours		4
Total Hours		30

- a Students must complete specific requirements in the University of Iowa Graduate College after program

admission. Refer to the Graduate College website and the Manual of Rules and Regulations for more information.

- b Choose two courses from one of the following focus areas: Technology and Media, Learning in the Disciplines, Human Development and Motivation, Measurement and Evaluation; see the General Catalog for lists of approved courses.
- c Completion of all degree requirements and MA project.