

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 [p. 1]
- Learning Sciences and Educational Psychology Subprogram [p. 1]

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:6215 | Online Instruction: Design and Facilitation | 3 |
| or PSQF:6208 Facilitation or Digital Media and Learning | | |
| 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.