Psychology (Quantitative Research Methods), PhD

The Department of Psychology's quantitative program is distinctive for its continuous recognition as one of the nation's top programs, with graduates holding faculty positions at prestigious research universities and major research corporations. Students collaborate on projects across disciplines with faculty renowned and internationally recognized for their distinguished quantitative research, and mentoring and teaching.

Program Description

Degree Awarded: PHD Psychology (Quantitative Research Methods)

The quantitative research methods concentration of the PhD in psychology focuses on the broad class of quantitative and methodological issues that arise in the conduct of both basic and applied psychological research.

There are six core faculty members in the quantitative concentration who, in addition to their quantitative research, collaborate with colleagues in substantive research areas. These collaborations help to support the training of students in quantitative methods against a backdrop of methodological issues associated with the substance of psychological science.

The quantitative concentration program is committed to training the next generation of psychological methodologists who will make contributions in developing methods in the areas of measurement, study design and analysis, modeling, and in evaluating the utility of new and existing methods in psychological research.
At a Glance

- **College/School:** The College of Liberal Arts and Sciences
- **Location:** Tempe campus

Degree Requirements

84 credit hours, a written comprehensive exam, an oral comprehensive exam, a prospectus and a dissertation

**Required Core (3 credit hours)**
PSY 502 Professional Issues in Psychology (3) or
PSY 531 Multiple Regression in Psychological Research (3)

**Additional Curriculum Information**
The quantitative curriculum is structured as a series of progressively more advanced courses. New quantitative courses may be implemented under an omnibus number (PSY 591) at the interest of the faculty.

Students complete the following coursework:

PSY 530 Intermed Statistics (3)  
PSY 532 Analysis of Multivariate Data (3)  
PSY 533 Structural Equation Modeling (3)  
PSY 534 Psychometric Methods (3)  
PSY 555 Experimental and Quasi-Experimental Designs for Research (3)  
PSY 591 Quantitative Seminar (3 credit hours annually)

During the course of training, students also complete these requirements:

- psychological methodology electives (12)  
- substantive coursework (6)  
- additional substantive or psychological methodology electives (6)  
- PSY 599 Master's Thesis (6)  
- PSY 792 Post-Master's Research (12)  
- PSY 799 Dissertation (12)

Admission Requirements
Applicants must fulfill the requirements of both the Graduate College and The College of Liberal Arts and Sciences.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree in psychology or a related field from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:

1. graduate admission application and application fee
2. official transcripts
3. SlideRoom application and fee
4. statement of purpose form
5. applicant response form
6. graduate assistantship application
7. curriculum vitae or resume
8. GRE scores
9. three letters of recommendation
10. proof of English proficiency

Additional Application Information
An applicant whose native language is not English (regardless of current residency) must provide proof of English proficiency.

To apply to the doctoral programs, applicants must follow the instructions on the Doctoral Program Admissions Instructions and Checklist. It is strongly recommended that applicants download and print the Doctoral Program Admissions Instructions and Checklist to ensure completion of the application process and include all of the required supplemental forms.

The Department of Psychology application process is completed online through ASU’s Graduate Admission Services which includes the application form and official transcripts. Application to the Department of Psychology doctoral programs is also completed via SlideRoom, to process supplemental application materials. The SlideRoom account requires an additional fee.

Applicants must submit three academic letters of recommendation from faculty members who know the student well. Three letters are required but four letters of recommendation may be submitted.

Global Opportunities
Career Opportunities

Contact Information

Department of Psychology | PSY 203
psygrad@asu.edu | 480-965-7606
Admission Deadlines