Psychology (Quantitative Research Methods), PhD

LAPSYQUPHD

Elevate your expertise in psychology research methodologies at one of the top-ranked programs in the nation. You'll collaborate with esteemed faculty to master cutting-edge statistical techniques, innovate in psychological research and become a leader in shaping the future of the field.

Program description

Degree awarded: PHD Psychology (Quantitative Research Methods)
The PhD program in psychology with a concentration in quantitative research methods offers an immersive education in advanced statistical techniques and research methodologies that are employed in the conduct of both basic and applied psychological research.

A collaborative, interdisciplinary approach to research empowers students to deepen their understanding and tackle key issues, such as exploring the limits of existing methods, pushing the methodological frontiers forward, evaluating the effectiveness of established and emerging methodologies, and improving the robustness of psychological research through innovative measurements and analytical methods.

What sets this program apart is its distinguished, award-winning faculty, known for their expertise and dedication to training the next generation of psychological methodologists. Alongside the faculty, students gain practical experience and master techniques in the areas of measurement, study design, data analysis, statistical modeling, and evaluation of the utility of new and existing methods.

Graduates of this program emerge as experts in quantitative research who are prepared to make meaningful contributions to the field by developing and applying sophisticated statistical and methodological solutions to address pressing research issues.

At a glance

- **College/School:** [The College of Liberal Arts and Sciences](#)
- **Location:** [Tempe](#)

Degree requirements

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

Required Core (3 or 4 credit hours)
PSY 502 Professional Issues in Psychology (3) or
PSY 531 Multiple Regression in Psychological Research (4)

Concentration (3 credit hours)
PSY 533 Structural Equation Modeling (3)

Other Requirements (31 credit hours)
PSY 530 Intermediate Statistics (4)
PSY 532 Analysis of Multivariate Data (3)
PSY 534 Psychometric Methods (3)
PSY 536 Statistical Methods in Prevention Research (3)
PSY 537 Longitudinal Growth Modeling (3)
PSY 538 Advanced Structural Equation Modeling (3)
PSY 539 Multilevel Models for Psychological Research (3)
PSY 540 Missing Data Analysis (3)
PSY 543 Statistical Mediation Analysis (3)
PSY 555 Experimental and Quasi-experimental Designs for Research (3)

Electives (22 or 23 credit hours)

Research (12 credit hours)

Culminating Experience (12 credit hours)
PSY 799 Dissertation (12)

Additional Curriculum Information
Electives are determined in consultation with the student's supervisory committee.

Other requirements courses may be substituted for other courses based on consultation with the student's supervisory committee.

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 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 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. curriculum vitae or resume
6. GRE scores
7. three letters of recommendation
8. proof of English proficiency

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

ASU does not accept the GREÂ® General Test at home edition.

To apply to the doctoral program, applicants must follow the instructions on the doctoral program admissions instructions and checklist. It is strongly recommended that applicants download and print the instructions and checklist to ensure completion of the application process and that all required supplemental forms are included.

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, for processing of 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.

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid options to find out which will work best for them.

Application deadlines

Fall

Career opportunities

Quantitative psychologists possess advanced statistical and methodological expertise applicable to various research challenges. While rooted in psychology, their skills find broad applications in fields such as education, heath, neuroscience and marketing. Graduates of the doctorate in psychology (quantitative research methods) program excel in interdisciplinary collaboration and effective communication of complex ideas.

Potential careers induce roles as:

- consultants
- data scientists
- policy analysts
- psychology professors
- psychometricians
- research scientists

Contact information

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