



QSS major

[Quantitative Sciences]

Psychology track

Emory's Quantitative Sciences (QSS) major offers a rigorous and accessible way to combine mastery of quantitative approaches with whatever discipline or career path interests you. Pursuing a QSS major with a focus in psychology gives you the opportunity to use your skills working with data to better understand human behavior.

Career options

Psychologists with quantitative skills and methods have a competitive advantage in a wide range of fields. Outside of academia, think tanks, such as Brookings and RAND Corporation, and market research firms, like Nielsen and YouGov, hire

psychologists who can integrate an understanding of decision-making with information processing. Want to contribute to public policy and considerations of public health issues? With the training you receive, you'll be well-prepared to do it.



**big
data**
bigger purpose

EMORY UNIVERSITY
QUANTITATIVE SCIENCES MAJOR

think
big.
think
emory.

Research opportunities

Whatever their particular focus, quantitative psychologists require the methods and techniques for measuring human attributes, modeling psychological processes, designing research studies, and analyzing data.

- In the area of cognition and development, research might examine how memory develops from infancy through childhood, focusing specifically on age-related changes in personal memory.
- In the field of clinical psychology, researchers explore the molecular and circuit-level mechanisms of psychiatric symptoms related to mood, anxiety, and decision-making.

Graduate study

Along with master's, Psy.D., and Ph.D. programs in psychology, you can earn an advanced degree in public health or public policy. Or, pursue graduate degrees in education, child studies, or psychological assessment.

Quantitative Sciences Program Requirements

As a QSS major, you must take:

- At least 7 QSS courses: 4 core and 3 upper-level electives
- A minimum of 6 additional courses in your chosen substantive track
- Additional electives (either in the QSS major or in your substantive track) may need to be taken to fulfill the QSS degree requirements.

Upper-Level Electives

Topics may include computational modeling, advanced statistics, GIS, technical writing, longitudinal analysis, maximum likelihood estimation, and experimental methods, among others.



EMORY
COLLEGE
OF ARTS AND
SCIENCES

Institute for Quantitative
Theory and Methods