



QSS major

[Quantitative Sciences]

International Studies 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. With our International Studies track, you can explore the activities of political institutions and multinational organizations using a data-driven approach.

Career options

A background in international studies along with training in quantitative skills and methods prepares you for careers requiring both rigorous research and an understanding of international politics. The Department of Defense and the Department of Homeland Security, as well as global agencies like the World Development Bank and Amnesty International, employ individuals who can design and implement

programs in everything from economic development to environmental protection. This background also makes you attractive to private research institutes—such as the Peterson Institute, Heritage Foundation, RAND Corporation, the Foreign Policy Research Institute—that conduct in-depth research that combines statistical analysis with a deep understanding of the global community.



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QUANTITATIVE SCIENCES MAJOR

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Research opportunities

Research in international studies explores the multifaceted relationships among countries and the state's connections with intergovernmental and international organizations. It encompasses international law, the global economy, and the onset and resolution of conflict, among other topics.

- Researchers seeking to understand the design and implementation of human rights treaties analyze cross-national data on national compliance and punishment for violations.

- Those interested in global economic issues might study questions relating to international development and the activities of multinational organizations.

Graduate study

A host of graduate programs provide continued training in this area. In addition to pursuing a master's degree or PhD in international studies or political science, you can pursue graduate education in global health or political economy. If you're looking to pursue a career in international law, most top law schools provide focuses or concentrations.

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.



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