



QSS major

[Quantitative Sciences]

Biological Anthropology track

Emory's QSS major offers a rigorous and accessible way to combine mastery of quantitative approaches with whatever discipline or career path interests you. Our Biological Anthropology track enables you to put your major to work through a broad range of research possibilities studying the biological diversity of the human species.

Career options

With a background in quantitative analysis and biological anthropology, you can pursue a career in academia or out. Research programs at major universities need scholars with rigorous research design and quantitative skills. Leading research institutes and global agencies such as the National Institute of Health, the CDC, and global health

organizations like the Gates Foundation and the Institute for Health Metrics are also investing heavily in research in the biological sciences. Major corporations throughout the healthcare industry, from Pfizer and Eli Lilly to Deloitte and Accenture, are consistently hiring people who understand human biology and data analysis.



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QUANTITATIVE SCIENCES MAJOR

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Research opportunities

Opportunities for quantitatively inclined students studying biological anthropology at Emory include research projects that involve the statistical analysis of anthropological survey data from diverse field sites around the world, health survey data, as well as analysis of stone tools and other archeological data. You'll also benefit from:

- Biological anthropology research at Emory focused on strengthening the statistical rigor of research in such diverse areas as the evolution of language, cross-species differs in behavior and biology, and the diversity of human biology;
- On-going research in the areas of HIV/AIDS, endocrinology and genetics, and global mental health, among others; and

- Researchers working specifically with data mining, processing, and the extraction of relevant data from large and diverse datasets, as well as those analyzing and characterizing data whether from MRI studies or people living in remote parts of the world.

Graduate study

Graduating from Emory with quantitative research skills and a focus on biological anthropology, you'll have plenty of graduate school options that fit your interests and career goals. Along with earning advanced degrees in biological anthropology, you can pursue a graduate degree in biostatistics or biotechnology or study public health or epidemiology. Thinking about a career in medicine or medical research? You may continue towards an MD or PhD.

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 Courses

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



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