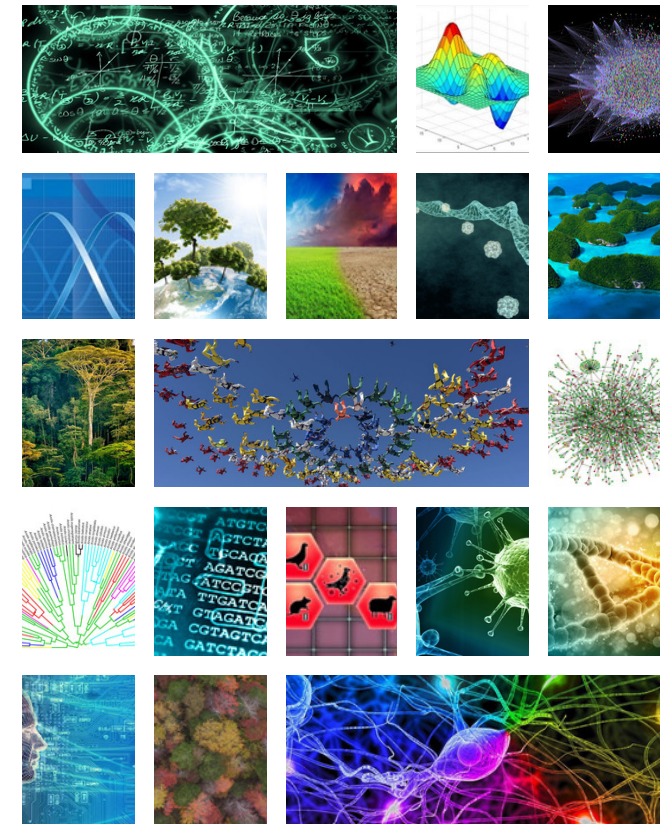


## Pathways to Success

UT offers multiple routes for graduate study in the quantitative biosciences through various departments and programs across campus.

- Department of Biochemistry & Cellular & Molecular Biology
- Department of Ecology & Evolutionary Biology
- Department of Microbiology
- Department of Mathematics
- Graduate School of Genome Science & Technology
- Department of Chemical & Biomedical Engineering
- Department of Civil & Environmental Engineering
- Department of Mechanical, Aerospace & Biomedical Engineering
- Department of Biosystems Engineering & Soil Science
- Department of Entomology & Plant Pathology
- Department of Forestry, Wildlife & Fisheries
- Data Science & Engineering Program
- Energy Science & Engineering Program
- Comparative & Experimental Medicine Program



# Graduate Programs in Quantitative Bioscience



For more information, visit [nimbios.org/qb](http://nimbios.org/qb)



## Academic Quality

UT engages the world's top scholars and students in the quest for solutions to complex global issues. It is the hub of a vibrant research community that includes Oak Ridge National Laboratory, major private industry partners, federal agencies, local companies, and student-led start-ups. As the land-grant institution for Tennessee, UT also offers many connections to the agricultural and veterinary sciences.

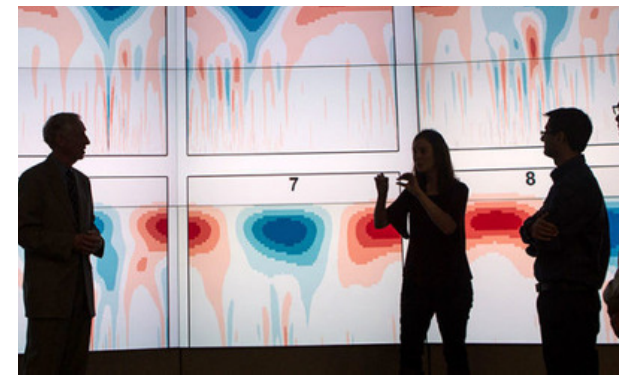
Numerous course offerings support graduate students in quantitative biosciences at UT, including a set of five regularly offered graduate courses in mathematical biology, which are cross-listed in mathematics and biology.



## World-Class Faculty

UT has a long history in quantitative bioscience, with one of the world's largest collections of associated faculty located in a variety of departments and research labs across campus. The diverse faculty prepare students for the vast array of mathematical, computational, and theoretical research challenges in the biosciences. We encourage interested applicants to contact faculty whose areas of research are of interest to you.

Whatever graduate program you choose, mentoring is tailored to your specific career goals, whether in academia, industry, non-governmental organizations or government. Graduate support through research and teaching assistantships is available.



## Research Areas

Faculty research crosses multiple areas:

- Biogeography/Physiology
- Bioinformatics
- Cellular Biophysics
- Computational Systems Biology
- Conservation Science
- Ecological Niche Modeling
- Epidemiology & Disease Ecology
- Genome Science & Technology
- Mathematical Biology
- Mathematical Medicine & Control
- Microbial Ecosystem Modeling
- Network Science
- Nonlinear BioDynamics
- Optimal Control
- Quantitative Ecology/Ethnoecology
- Quantitative Phylogenetics
- Social & Evolutionary Dynamics
- Within-host Dynamics & Immunology



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NIMBioS, based at the University of Tennessee, brings together researchers from around the world to collaborate across disciplinary boundaries to investigate solutions to basic and applied problems in the life sciences. Visit [www.nimbios.org](http://www.nimbios.org).

**For more information,  
visit  
[nimbios.org/qb](http://nimbios.org/qb)**