Biomathematician

**Job Description:** Use mathematical models to understand various phenomena in the field of biology.

**What does a Biomathematician do?**

* Use analysis and simulations of models to obtain information and test biological theories.
* Use models to predict changes in biological phenomena
* Provide consultation to clients or colleagues using your knowledge of biomathematics
* Help determine project plans, objectives, and mathematical aspects for biological research studies
* Write detailed reports on analyses and findings of the research
* Attend meetings or conferences to learn about or present your own developments in pharmacology, life sciences, social sciences, and biomathematics
* Design experiments or surveys to collect data
* Help develop data analysis algorithms

**Your Interests:**

* Are you interested in biology?
* Do you like experimenting and trying to find answers to problems?
* Are you good at analyzing data?

**Outlook: Bright**

Average Salary - $44.36 hourly, $92,270 annual

Projected Job Openings – 5,000 over the next 10 years.

**Education/Program of Study:**

* Most occupations require at least a master’s degree, while some can require a Ph.D.
	+ Possible degree paths are Biology, Bioinformatics, Biostatistics or Biomathematics, Applied Mathematics, Computational Mathematics, or other related degree’s