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## **Biomathematics**

Updated: September 30, 2004.

### **Definition**

Biomathematics is the application of mathematics to problems in biology and medicine.

### **Discussion**

Biomathematics is an essential tool in fields such as population genetics, cellular neurobiology, comparative genetics, biomedical imaging, pharmacokinetics, and epidemiology. It plays an increasingly vital role in the effort to understand diseases and disorders, and to improve therapies.

### **Scope and emphasis**

Theoretical and applied biomathematics are comprehensively collected.