

##### B E R M U D A C O L L E G E

###### Division of Liberal Arts

**MATHEMATICS**

**GOAL**

The purpose of the programme is to expand student knowledge of mathematics in the following ways:

* developing an appreciation for the discipline through diverse course offerings
* through relevant mathematical modelling with applications in mathematics and other subject disciplines

**LEARNING OUTCOMES**

1. **Body of Knowledge**
2. Develop competency/mastery of mathematics courses’ content
3. **Critical Thinking and Problem Solving Skills**
4. Practice critical thinking and problem solving skills based upon an understanding of mathematical theory and concepts
5. **Information Technology Skills**
6. Use technology for mathematical reasoning and problem solving
7. Utilize technology for additional practice and learning support
8. **Global Perspective**
9. Apply mathematical theory and concepts to other disciplines