



1. Title: **Mathematics and Science: Mathematics**

2. Summary of Goals—Learning Outcomes:
By successfully completing the courses for the Mathematics major at Golden West College, the student should gain a practical and theoretical understanding for future studies in mathematics.

3. Course Listing (19-20 total units)
Required Courses:
Math G180, Calculus 1 5 units
Math G185, Calculus 2 5 units
Math G280, Calculus 3 5 units

One of the following:
Math G235, Applied Linear Algebra 4 units
Math G282, Ordinary Differential Equations 4 units
Math G285, Intro to Linear Algebra and Differential Equations 5 units

Required Subtotal: 19-20 units
Completion of GE Requirements: 21-41 units
Additional Electives (as needed to reach 60):
Degree Total: 60 units