

# UCLA

## Student Learning Outcomes for the B.S. in Applied Mathematics

Applied Mathematics graduates:

- should have a strong mathematical content knowledge of single and multivariate differential and integral Calculus and differential equations.
- will be familiar with linear algebra, techniques of proof and the foundations of real analysis.
- learn how to synthesize material, problem, solve, and think abstractly.
- will be able to perform basic computer programming, especially in C++.