

# COURSE DETAIL

## NUMERICAL METHODS

**Country**

United Kingdom - England

**Host Institution**

University College London

**Program(s)**

University College London

**UCEAP Course Level**

Upper Division

**UCEAP Subject Area(s)**

Mathematics

**UCEAP Course Number**

138

**UCEAP Course Suffix****UCEAP Official Title**

NUMERICAL METHODS

**UCEAP Transcript Title**

NUMERICAL METHODS

**UCEAP Quarter Units**

6.00

**UCEAP Semester Units**

4.00

**Course Description**

This course examines the ideas underpinning computational mathematics and introduces a series of methods to solve different problems. The overarching goal is to provide the fundamental tools for the solution of large scale differential equations. These tools include solution methods for nonlinear equations and systems, solution methods for large linear systems, and methods for ordinary differential equations.

**Language(s) of Instruction**

English

**Host Institution Course Number**

MATH0033

**Host Institution Course Title**

NUMERICAL METHODS

**Host Institution Course Details****Host Institution Campus**

University College London

**Host Institution Faculty****Host Institution Degree****Host Institution Department**

Mathematics

**Course Last Reviewed**

[Print](#)