

# COURSE DETAIL

## CLASSICAL MECHANICS

**Country**

United Kingdom - England

**Host Institution**

University of London, Royal Holloway

**Program(s)**

University of London, Royal Holloway

**UCEAP Course Level**

Upper Division

**UCEAP Subject Area(s)**

Physics

**UCEAP Course Number**

137

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

CLASSICAL MECHANICS

**UCEAP Transcript Title**

CLASSICAL MECHANICS

**UCEAP Quarter Units**

6.00

**UCEAP Semester Units**

4.00

## Course Description

This course applies the techniques and formulae of mathematical analysis (in particular the use of vectors and calculus) to solve problems in classical mechanics, including statics, dynamics, and kinematics as applied to linear and rigid body rotational dynamics. The course also covers first principles and the derivation of standard formulae in classical mechanics.

## Language(s) of Instruction

English

## Host Institution Course Number

PH1320

## Host Institution Course Title

CLASSICAL MECHANICS

## Host Institution Course Details

## Host Institution Campus

Royal Holloway, University of London

## Host Institution Faculty

## Host Institution Degree

## Host Institution Department

Physics

## Course Last Reviewed

[Print](#)