

## COURSE DETAIL

### GAUGE THEORIES (M)

**Country**

United Kingdom - England

**Host Institution**

University of Manchester

**Program(s)**

University of Manchester

**UCEAP Course Level**

Upper Division

**UCEAP Subject Area(s)**

Physics

**UCEAP Course Number**

150

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

GAUGE THEORIES (M)

**UCEAP Transcript Title**

GAUGE THEORIES (M)

**UCEAP Quarter Units**

4.00

**UCEAP Semester Units**

2.70

## Course Description

In this course, students study in detail the origin and nature of the fundamental interactions generated by invariance of the Lagrangian under local gauge transformations.

### Language(s) of Instruction

English

### Host Institution Course Number

PHYS40682

### Host Institution Course Title

GAUGE THEORIES (M)

### Host Institution Course Details

<https://www.manchester.ac.uk/study/undergraduate/courses/2024/02021/mphys-physi...>

### Host Institution Campus

University of Manchester

### Host Institution Faculty

Physics

### Host Institution Degree

### Host Institution Department

### Course Last Reviewed

2023-2024

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