

## COURSE DETAIL

### GEOMETRY AND PHYSICS OF SOFT CONDENSED MATTER

**Country**

United Kingdom - Scotland

**Host Institution**

University of Edinburgh

**Program(s)**

University of Edinburgh

**UCEAP Course Level**

Upper Division

**UCEAP Subject Area(s)**

Physics

**UCEAP Course Number**

107

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

GEOMETRY AND PHYSICS OF SOFT CONDENSED MATTER

**UCEAP Transcript Title**

GEOMETRY & PHYSICS

**UCEAP Quarter Units**

4.00

**UCEAP Semester Units**

2.70

**Course Description**

This course explores how to build theories for the complex fluids introduced in the Soft Matter Physics and Introduction to Condensed Matter Physics courses; the course often takes examples from the world of biology. The course emphasizes generic features in order to build up a repertoire of theoretical tools that are widely applicable to analyze a diversity of soft materials. Topics may vary from year to year depending on the staff involved.

**Language(s) of Instruction**

English

**Host Institution Course Number**

PHYS11055

**Host Institution Course Title**

GEOMETRY AND PHYSICS OF SOFT CONDENSED MATTER

**Host Institution Campus**

Edinburgh

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

Physics and Astronomy

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