

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 Course Details

<http://www.drps.ed.ac.uk/18-19/dpt/cxphys11055.htm>

Host Institution Campus

Edinburgh

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

Physics and Astronomy

Course Last Reviewed

2018-2019

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