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MSc
Chemical Research (Physical Chemistry)
About the Course

This MSc reflects the breadth and diversity in research and the application of physical chemistry. You will be provided with training in the concepts and techniques of physical chemistry, tailored to your own particular research interests.

As well as developing your core knowledge of physical chemistry, you will learn how to critically analyse research data and research publications, and how to communicate scientific concepts and processes. Your research dissertation will be a major part of the course, enabling you to draw on the academic and applied research conducted at Leicester, in topics such as electrochemistry, interfacial properties, materials, atmospheric chemistry, gas-phase spectroscopy and microscopy.

Teaching and Assessment

Teaching methods include lectures, workshops, independent work, group and team work, supervised study and directed reading. Assessment is a mixture of written exams, marked assignments, assessed problems, oral exam (viva voce), oral presentations and written project reports. All of our courses are linked to Blackboard, the University’s online learning environment, which gives you access to lecture notes, self-test exercises, supplementary information and background literature.

Career Opportunities and Further Study

A postgraduate qualification is an investment in your future. You will gain the deeper knowledge and high-end skills that will set you apart from others. Studying with us gives a clear signal to employers. It demonstrates that you have the spark, ambition and commitment to take your career to the next level. Your employer will also benefit directly from your newly acquired understanding and capabilities.
COURSE STRUCTURE

CORE MODULES

- Methods in Physical Chemistry 1
- Methods in Physical Chemistry 2
- Advanced Physical Chemistry
- Research Project

Modules shown represent choices available to current students. The range of modules available and the content of any individual module may change in future years.

Key Facts

Length of course: One year full-time
Mode of study: On campus
Intake dates: September each year
Entry requirements: 2:2 degree (or equivalent) in Chemistry or a related subject.
Fees: Please visit our website for up to date fee information.

www.le.ac.uk/physical-chemistry-msc