Chemistry with a European Language MSci /

This four-year programme offers an additional year on top of the Chemistry with a European Language BSc, which you will spend abroad at a European university (we currently have links with institutions in France, Germany, Italy, Spain and Sweden) undertaking an advanced chemical research project.

### Key information

**Programme starts**
- September 2020

**Location**
- London, Bloomsbury

### Degree benefits

- Consistently regarded as one of the best chemistry departments in the UK, we offer you an excellent education with high standards of teaching.
- You will benefit from our outstanding research profile as you are taught by lecturers who are experts in a wide range of chemistry-related fields.
- You will have the opportunity to carry out an extensive research project in a university in mainland Europe, developing both your chemical and language skills.
- The UCL Centre for Languages & International Education (CLIE) and the specialist language departments offer excellent modern language-learning aids such as computers, video and satellite links.

### Accreditation

The Royal Society of Chemistry accreditation is a peer review process founded on the judgement of professional chemists. It provides a structured mechanism to assess, evaluate, and enhance the quality of degree programmes and demonstrates a commitment to continuous improvement.

### Degree structure

In each year of your degree you will take a number of individual modules, normally valued at 15 or 30 credits, adding up to a total of 120 credits for the year. Modules are assessed in the academic year in which they are taken. The balance of compulsory and optional modules varies from programme to programme and year to year. A 30-credit module is considered equivalent to 15 credits in the European Credit Transfer System (ECTS).

This programme is offered either as a three-year BSc or as a four-year MSci. The first two years of study are identical, so you can defer which to opt for until the end of your second year. We advise you to select the four-year MSci programme initially as this keeps more options open.

The chemistry content directly follows that of the single-subject Chemistry programme in the first three years. You will cover the full range of chemistry core components, together with optional modules in chemistry and other options from outside the department.

Around 25% of your time will be centred around CLIE and the specialist language departments, providing a continuous progression of language and related modules. The language component is taught in small groups with common levels of fluency ranging from complete beginners to experts.

You will spend your entire final year at a university in mainland Europe, in a country whose language you are studying, carrying out an extensive research project. Close links have been developed with a number of European universities and the consortium currently encompasses Lyon, Bordeaux, Dresden, Dortmund, Parma, Santiago de Compostela, Uppsala and Bologna.

### YEAR ONE

**Core or compulsory module(s)**

- Basic Inorganic Chemistry
- Basic Organic Chemistry
- Basic Physical Chemistry
- Introduction to Chemical Principles

**Optional modules**

- You will select two modules in the same language through CLIE, plus a Mathematics module appropriate to your level of qualification.

### YEAR TWO

**Core or compulsory module(s)**

- Principles of Inorganic Chemistry
- Principles of Organic Chemistry
- Principles of Physical Chemistry

**Optional modules**

- You will select two 0.5 credit modules in the same language through CLIE.

### YEAR THREE

**Core or compulsory module(s)**

- Advanced Topics in Inorganic Chemistry
- Advanced Topics in Physical Chemistry
- An Introduction to Research Methods
- Literature Project
- Principles and Methods of Organic Synthesis

**Optional modules**

- You will select two modules in the same language through CLIE.

### FINAL YEAR

**Advanced chemical research project in Europe**

- The fourth year encompasses an independent research project in one of our partner universities to which UCL Chemistry has links through the Erasmus Scheme sponsored by the European Union.
**Your learning**

Your learning will combine lectures, practical classes and group workshops. In addition you will attend tutorials in groups of four to six students which provide specialised support for the core modules.

**Assessment**

Modules usually involve at least two methods of assessment; coursework (problem sheets, essays or poster presentations), an examination, or lab classes. Feedback, such as face-to-face marking in laboratories, is always provided. Your final-year project will be assessed through a written report, a presentation and an oral examination.

**Your career**

As a UCL Chemistry graduate you will have developed both discipline-based and highly sought after analytical skills, for example in logical thought and numeracy.

On completion of your degree you will have the obvious option of pursuing a career within the chemical industry. This is recognised as one of the most exciting and successful contributors to the UK economy, for example in the pharmaceutical, biotechnology and nanotechnology sectors.

**Your application**

Application for admission should be made through UCAS (the Universities and Colleges Admissions Service). Applicants currently at school or college will be provided with advice on the process; however, applicants who have left school or who are based outside the United Kingdom may obtain information directly from UCAS.
Entry requirements

**A LEVELS**

**Standard Offer:** AAA. Chemistry, plus one of Biology, Physics or Mathematics required. Any language preferred as third subject, but not essential.

**Contextual Offer:** AAB. A in Chemistry and A in one of Biology, Physics or Mathematics required. Any language preferred as third subject, but not essential.

**GCSE**

English Language at grade C or 5, plus Mathematics at grade B or 6. For UK-based students a foreign language at grade B or 6 is required.

**IB DIPLOMA**

**Standard Offer:** 38 points. A score of 18 points in three higher level subjects including 6 in Chemistry and 6 in one of Biology, Chemistry, Physics or Mathematics, with no score lower than 5. Any language preferred as third higher level subject, but not essential.

**Contextual Offer:** 36 points. A score of 17 points in three higher level subjects including 6 in Chemistry and 6 in one of Biology, Chemistry, Physics or Mathematics, with no score lower than 5. Any language preferred as third higher level subject, but not essential.

**CONTEXTUAL OFFERS – ACCESS UCL SCHEME**

As part of our commitment to increasing participation from underrepresented groups, students may be eligible for a contextual offer as part of the Access UCL scheme. For more information see www.ucl.ac.uk/prospectus

**OTHER QUALIFICATIONS**

UCL considers a wide range of UK and international qualifications for entry into its undergraduate programmes. Full details are given at: www.ucl.ac.uk/otherquals

**UNDERGRADUATE PREPARATORY CERTIFICATES (International foundation courses)**

UCL Undergraduate Preparatory Certificates (UPCs) are intensive one-year foundation courses for international students of high academic potential who are aiming to gain access to undergraduate degree programmes at UCL and other top UK universities.

Typical UPC students will be high achievers in a 12-year school system which does not meet the standard required for direct entry to UCL.

For more information see: www.ucl.ac.uk/upc.

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**TUITION FEES**

The fees indicated are for undergraduate entry in the 2019/20 academic year. The UK/EU fees shown are for the first year of the programme at UCL only. Fees for future years may be subject to an inflationary increase. The Overseas fees shown are the fees that will be charged to 2019/20 entrants for each year of study on the programme, unless otherwise indicated below.

- **UK & EU:** £9,250 (2019/20)
- **Overseas:** £26,740 (2019/20)

Full details of UCL’s tuition fees, tuition fee policy and potential increases to fees can be found on the UCL Students website.

**Additional costs**

If you are concerned by potential additional costs for books, equipment, etc. on this programme, please get in touch with the relevant departmental contact (details given on this page).

**FUNDING**

UCL Chemistry offers a number of scholarships which will be advertised on the departmental website as appropriate.

Various funding options are available, including student loans, scholarships and bursaries. UK students whose household income falls below a certain level may also be eligible for a non-repayable bursary or for certain scholarships. Please see the Fees and funding pages for more details.

**CONTACT**

Dr Dejan-Kresimir Bucar

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**Department:** Chemistry

**Brexit**

For up-to-date information relating to specific key questions following the UK’s decision to leave the EU, please refer to: www.ucl.ac.uk/brexit

**Disclaimer**

This information is for guidance only. It should not be construed as advice nor relied upon and does not form part of any contract. For more information on UCL’s degree programmes please see the UCL Undergraduate Prospectus at www.ucl.ac.uk/prospectus