This BSc programme provides a thorough grounding in all major aspects of chemistry and fluency in one of a range of languages, including French, German, Italian and Spanish. Graduates will be well placed to work in mainland Europe or as part of a multinational company.

**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.

- 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.

- We offer access to state-of-the-art facilities, enhanced by our strong affiliation to other centres of excellence such as the London Centre for Nanotechnology.

**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. You do not have the opportunity to study abroad on the BSc programme.

The chemistry content directly follows that of the single-subject Chemistry programme. 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.

In the final year you will also undertake a compulsory literature project.

**YEAR ONE**

**Core or compulsory module(s)**

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

**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 modules in the same language through CLIE.

**FINAL YEAR**

**Core or compulsory module(s)**

- Advanced Topics in Inorganic Chemistry
- Advanced Topics in Physical Chemistry
- Principles and Methods of Organic Synthesis
- Synthetic Chemistry and Instrumentation
- Chemical Literature

**Optional modules**

- You will select two modules in the same language through CLIE, plus a further module from a wide range of chemistry and other approved undergraduate options.
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

Each module will usually involve at least two methods of assessment. These may include coursework (problem sheets, essays or poster presentations), an examination, or laboratory classes. We believe in providing feedback to students, such as face-to-face marking in laboratories. Your third-year project will be assessed through a written report.

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.

Together with essential academic requirements, we are looking for strong evidence in your personal statement of your interest in the subject and your understanding of it. These requirements may be evidenced by examples of project work, relevant work experience or, perhaps, through your knowledge of current events involving chemistry. We also look for your ability to communicate clearly in English.
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](http://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](http://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](http://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](http://www.ucl.ac.uk/).

**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](http://www.ucl.ac.uk/prospectus) for more details.

**CONTACT**

Dr Dejan-Kresimir Bucar

**Email:** admissions.chem@ucl.ac.uk

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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](http://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](http://www.ucl.ac.uk/prospectus).