

Chemistry Information Sheet for entry in 2017



Chemistry is a wide-ranging science concerned with matter at the atomic and molecular scale. Important facets are synthesis, structure, microscopic mechanisms, properties, analysis and transformations of all types of materials.

Chemists are a constant source of innovation: it is hard to imagine any product introduced in recent times that did not require the creative efforts of a chemist. Chemistry underpins the conceptual framework and methodology of biochemistry and molecular medicine, and is at the heart of many major industries.

A good Chemistry degree opens the door to a wide and varied range of careers.

Teaching and research are closely linked: Oxford is one of the leading chemistry departments in the world with a state-of-the-art lab, and international-level research in a wide range of areas including: synthesis and catalysis, medicinal and biological chemistry, sustainable energy, advanced materials, innovative measurement and theoretical and computational chemistry.

The department has an outstanding track record in commercialising the innovative work of research staff, which has raised millions of pounds for the University.

The MChem is a four-year course, and is not modular, enabling us to explore the links within the subject. The core material is taken by all students, with opportunities to specialise later in the course. The fourth year (Part II) is devoted exclusively to research – a distinctive feature of Chemistry at Oxford since 1916.

A typical weekly timetable (years 1–3)

There are three terms in the Oxford academic year, each eight weeks long. Students usually arrive a week early in the first term of their first year for welcome and induction activities.

- About 10 lectures, at 9 and 10am
- One or two tutorials in your college with set work to be completed in your own time
- Two afternoons of laboratory work (11am to 5pm)
- A problems class, eg a maths class in the first year

The course is challenging but there is plenty of time for extra-curricular pursuits.

Part II (year 4)

Part II (the fourth year) involves full-time work with an established research group. Devoting the fourth year exclusively to research has been a distinctive feature of Chemistry at Oxford since 1916 and this will give you research skills that are highly valued by both academics and employers. This final research year of the Chemistry course has three extended terms of 12 to 13 weeks (instead of the normal 8 weeks) and is 38 weeks in total.

Work placements/international opportunities

Many students find work placements during vacations – the Careers Service helps with this – and there are some opportunities within the department. There is also the possibility of a few students spending time during Part II at laboratories in industry or at universities abroad.

1st year

Courses

Four courses are taken:

- Inorganic chemistry
- Physical chemistry
- Organic chemistry
- Mathematics for chemistry

Assessment

First University examinations:

Four written papers; satisfactory practical record

2nd year

Courses

Core material, including courses on:

- Theoretical chemistry
- Biological chemistry
- Molecular spectroscopy
- Synthetic chemistry
- Practical work

Optional supplementary subject course

Assessment

Part IA examinations:

Three written papers

The practicals are all assessed but overall assessment is not calculated until Year 3.

3rd year	
<p>Courses</p> <p>Further core material, plus advanced courses with a choice from a wide variety of options</p> <p>Optional supplementary subject course</p>	<p>Assessment</p> <p>Part IB examinations: Seven written papers; continuous assessment of practicals</p>
4th year (extended terms)	
<p>Research</p> <p>Full-time research under the supervision of a member of the academic staff</p> <p>Optional supplementary subject course</p> <p><i>More information about current options is available on the Chemistry website.</i></p>	<p>Assessment</p> <p>Part II examination: Dissertation; oral examination; determination of the class of honours degree</p> <p>For further details on the Chemistry course's assessment, please refer to the department's website.</p>

The University will seek to deliver each course in accordance with the descriptions set out above. However, there may be situations in which it is desirable or necessary for the University to make changes in course provision, either before or after registration. For further information, please see the University's Terms and Conditions.

Fees

Oxford University is committed to recruiting the best and brightest students from all backgrounds. We offer a generous package of financial support to Home/EU students from lower-income households. (UK nationals living in the UK are usually Home students.)

These annual fees are for full-time students who begin this undergraduate course here in 2017.

Fee Status	Tuition fee	College fee	Total annual fees
Home/EU	£9,250	£0	£9,250
Islands (Channel Islands & Isle of Man)	£9,250	£0	£9,250
Overseas	£23,190	£7,350	£30,540

Information about how much fees and other costs may increase is set out in the University's Terms and Conditions.

Additional Fees and Charges Information for Chemistry

Students in their fourth year undertake full-time research under the supervision of a member of the academic staff. This final year has three extended terms of 12 to 13 weeks and is 38 weeks in total, so you will need to budget for higher living costs in the final year, as you will be required to be in Oxford for longer than the standard terms. (See the likely range of living costs for an additional month in Oxford.) This final year, which is entirely devoted to research, is a unique feature of the Oxford course, and will give you research skills that are highly valued by both academics and employers.

Living Costs

Your living costs will vary significantly dependent on your lifestyle. These are estimated to be between £1,002 and £1,471 per month in 2017-18. Undergraduate courses usually consist of three terms of eight weeks each, but as a guide you may wish to budget over a nine-month period to ensure you also have sufficient funds during the holidays to meet essential costs.

Living costs breakdown

	Per month		Total for 9 months	
	Lower range	Upper range	Lower range	Upper range
Food	£250	£350	£2,250	£3,150
Accommodation (including utilities)	£538	£619	£4,844	£5,569
Personal items	£115	£255	£1,035	£2,295
Social activities	£40	£119	£358	£1,073
Study costs	£38	£83	£338	£743
Other	£22	£45	£196	£407
Total	£1,002	£1,471	£9,021	£13,237

29 September 2016