

# MABECS QuickGuides



## ALL YOU NEED TO KNOW ABOUT Chemistry

SPECIALLY CURATED FOR YOU BY



BEFORE WE GO FURTHER...



## Who is MABECS

MABECS is Malaysia's most experienced advisory service on UK degrees.  
Our service is free of charge.

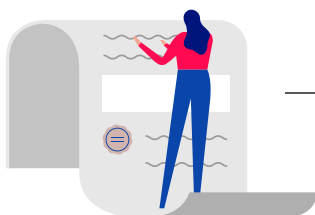


To find out more about MABECS' history and services, turn to the inside back cover. To reach a MABECS Education Advisor, call or WhatsApp us at +603-7956 7655 or email [enquiries@mabecs.com](mailto:enquiries@mabecs.com)

# From enquiry to successful student placement, **we take care of it all.**

## 1 Advice & guidance

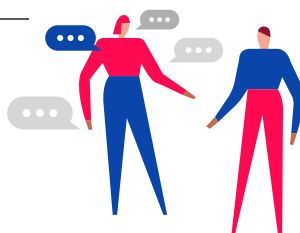
Find guidance on the right course and university including rankings, research ratings, entry requirements, and more.



2

## Application

Our experienced UK education advisors will advise you on the required documents and relevant procedures. Note that the application method is different from the postgraduate level.



3

## Test Preparation & Mock Interviews

We provide assistance for LNAT, BMAT, UCAT and others tests that might be required by UK universities. We also provide mock interviews for Medicine, Dentistry, Veterinary Science and Oxford & Cambridge.



4

## Air tickets & accommodation

Yes, we also help to provide guidance from flight bookings, visa applications and suitable accommodations to stay in.

# Study in the UK!

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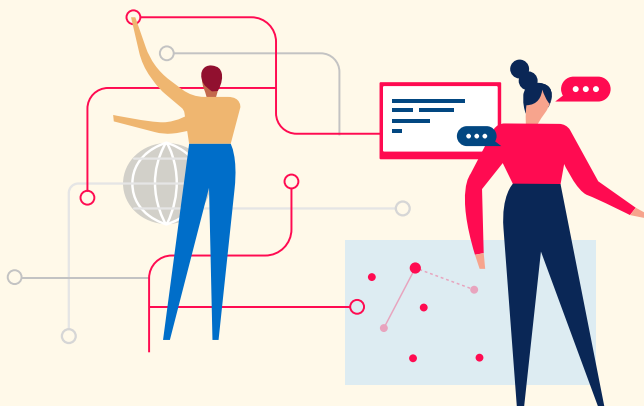
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# Have a different set of questions about studying in the UK?

Call us\* at **03-7956 7655** to reach us immediately, or email **[enquiries@mabecs.com](mailto:enquiries@mabecs.com)** if you're the shy type.

\*Our Education Advisors have all been educated in the UK with over 10 years of experience in counselling. They help provide first-hand information on UK education as well as student life in the UK.



## DISCLAIMER

The MABECS QuickGuides are for reference purposes only.

Course content, entry requirements, and tuition fees could change from time to time. You're advised to check the specific university website for the latest information.

01

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# GET TO KNOW CHEMISTRY

# Introduction

Chemistry is the study of matter and the chemical reactions between substances. Chemistry is also the study of matter's composition, structure, and properties. Matter is essentially anything in the world that takes up space and has mass. Chemistry is sometimes called "the central science", because it bridges Physics with other natural sciences, such as Geology and Biology.

## Course Organisation

Typically, the degree lasts 3 years. Students can opt for an additional year of placement or study abroad, which takes place in the third year of study. On top of this, there is also an option of taking an advanced degree via MSci – this is a 4-year undergraduate degree programme.

Teaching approaches vary from one university to another, generally students are taught through lectures, seminars, workshops, practical sessions and tutorials.

Assessments are conducted via examinations; oral and written assessments; group and individual projects; as well as dissertation.

## Course Content

BSc Chemistry offers you a three-year degree programme. The first two years follow a core structure, which allows greater flexibility in the third and final year. If you are on a BSc course and have performed to the standard required for MChem, you have the opportunity to transfer from BSc to MChem at the end of Year 1 and at the end of Year 2.

Most universities now offer both BSc (Bachelor of Science) and MChem/MSci (Master of Chemistry/Science) degree programmes. MChem and MSci degrees have exactly the same status as each other; these courses simply have different names at different universities.

The first two years of an MChem/MSci course are usually identical to those of the BSc course at the same institution and students then take different routes in Year 3 or 4. In general, the additional year in an

MChem/MSci course contains a greater quantity, and more advanced material, than in a BSc course. The entry requirements for the MChem/MSci courses are generally a little higher than those for the corresponding BSc courses.

A number of UK university chemistry degrees include a year of working in the industry. This allows you to:

- Gain valuable experience working on interesting projects in an industrial environment
- Leverage opportunities to develop new skills
- See what it's like to work as a scientist and understand how the science you are learning can be applied to the world around you
- Help you to make an informed decision about what type of career you are interested in
- May even lead directly to a job after you finish your degree
- Students are usually paid by industry during their placement year

If you already know you would like to be a chemical scientist, work experience is essential because:

- Companies and universities look very highly on students who have the enthusiasm and commitment to take the time to complete a work placement.
- Your application for the next stage of your career will stand out – your CV will be stronger, your skills and experience can be used in interviews and you should be able to get a job reference.
- Graduates are more likely to be employed if they already have work experience, or may be offered a role by their placement company.



02

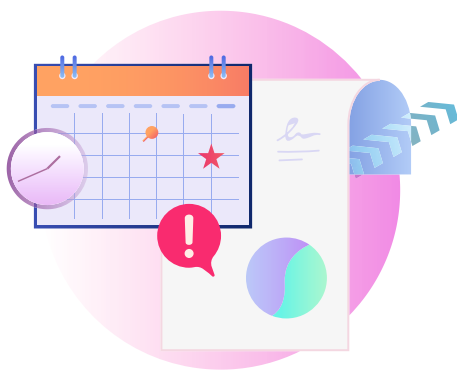


# APPLYING FOR CHEMISTRY

## How it works

Applications for undergraduate degrees for most of the UK universities go via UCAS. You will need to register and complete the UCAS form, with payment, by the set deadline. Colleges will usually set internal deadlines for their students. With the exception of Oxford and Cambridge, the UCAS deadline for competitive universities is January 13, 2027.

The final deadline of UCAS application is June 30.



# Course Codes & Fees

| Name of University | Course Title & UCAS Code | Course Duration                                                   | Tuition fees (£) per academic Year (2026) | Entry Requirements                                                                                                                                                                                                | Remarks                                                                                                                                                                                                     |
|--------------------|--------------------------|-------------------------------------------------------------------|-------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Aberdeen</b>    | BSc Chemistry (F100)     | 4 years, full time                                                | 24,800                                    | A Level: BBC (BSc)<br>BBB (MChem)                                                                                                                                                                                 | RSC fully-accredited degrees                                                                                                                                                                                |
|                    | MChem Chemistry (F105)   | 5 years, full time                                                |                                           | IB: 32 points, including 5, 5, 5 at HL (BSc)<br>IB: 34 points, 6 at HL Chemistry and another Science subject (MChem)                                                                                              |                                                                                                                                                                                                             |
| <b>Bath</b>        | BSc Chemistry (I110)     | 3 years, full time<br>4 years, including placement / study abroad | 30,500                                    | A Level: AAA or AAB inc A in Chemistry and two other science or mathematics subjects.<br><br>IB: 36 points overall and 6, 6, 5 in Higher Level inc 6 in Chemistry and 5 in a second science or mathematics course | RSC fully-accredited degrees<br><br>Other options:<br>BSc/MChem Chemistry for Drug Discovery<br>BSc/MSci Chemistry with Management                                                                          |
|                    | MChem Chemistry (I112)   | 4 years, full time<br>4 years, including placement / study abroad |                                           |                                                                                                                                                                                                                   |                                                                                                                                                                                                             |
| <b>Birmingham</b>  | BSc Chemistry (F100)     | 3 years, full time<br>4 years inc placement                       | 28,130                                    | A Level: AAA-AAB inc Chemistry. Min Math GCSE grade 6 (BSc)<br>A*AA-AAA inc Chemistry. Min Math GCSE grade 6 (MSci)                                                                                               | RSC fully-accredited degrees<br><br>Other options:<br>BSc/MSci Chemistry with a Modern Language<br>BSc/MSci Chemistry with Medicinal Chemistry and Drug Discovery<br>BSc/MSci Chemistry with Sustainability |
|                    | MSci Chemistry (F101)    | 4 years, full time<br>4 years inc placement                       |                                           | IB: 32 points, 6,6,6-6,6,5 inc Chemistry at HL (BSc)<br>32 points, 7,6,6 - 6,6,6 inc Chemistry at HL (MSci)                                                                                                       |                                                                                                                                                                                                             |
| <b>Bristol</b>     | BSc Chemistry (F100)     | 3 years, full time<br>4 years, inc placement/ study abroad        | 30,400                                    | A Level: AAA inc Chemistry (BSc)<br>A*AA inc Chemistry (MSci)                                                                                                                                                     | RSC fully-accredited degrees<br><br>Other options:<br>BSc/MSci Chemical Physics                                                                                                                             |
|                    | MSci Chemistry (F103)    | 4 years, full time<br>4 years inc study abroad                    |                                           | IB: 36 points, 18 at HL inc 6 at HL Chemistry (BSc)<br>38 points, 18 at HL inc 6 at HL Chemistry (MSci)                                                                                                           |                                                                                                                                                                                                             |

## SECTION 2: APPLYING FOR CHEMISTRY

| Name of University | Course Title & UCAS Code                           | Course Duration                                                                                                        | Tuition fees (£) per academic year (2026)  | Entry Requirements                                                                                                                             | Remarks                                                                                     |
|--------------------|----------------------------------------------------|------------------------------------------------------------------------------------------------------------------------|--------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------|
| <b>Cambridge</b>   | BA (Hons)/MSci Natural Sciences (BCF0)             | 3 or 4 years, full time                                                                                                | 41,124 + college fees 10,017 – 13,950/year | A Level: A*A*A<br>IB: 41-42 points, with 776 at Higher Level                                                                                   | RSC fully-accredited degrees<br><br>Engineering and Science Admissions Test (ESAT) required |
| <b>Cardiff</b>     | BSc Chemistry (F100)<br><br>MChem Chemistry (F103) | 3 years, full time<br>4 years inc placement year abroad<br><br>4 years, full time<br>4 years inc placement year abroad | 29,450                                     | A Level: ABB-BBC inc Chemistry<br><br>IB: 32-30 overall or 665-655 in 3HL subjects, must incl Grade 5 in HL Chemistry                          | RSC fully-accredited degrees<br><br>Other options:<br>BSc Medicinal Chemistry               |
| <b>Chester</b>     | BSc Chemistry (F100)                               | 3 years, full time                                                                                                     | 14,450                                     | UCAS Tariff Point: 112<br><br>A Level: BCC-BBC Inc Chemistry<br><br>IB: 26 points inc 5 in HL Chemistry                                        | <b>*NOT* RSC fully-accredited degrees</b>                                                   |
| <b>Durham</b>      | BSc Chemistry (F100)<br><br>MChem Chemistry (F105) | 3 years, full time<br><br>4 years, full time                                                                           | 33,250                                     | A Level: A*AA inc Chemistry and Mathematics<br><br>IB: 38 points, 666 from HL inc HL Chemistry and HL Maths                                    | RSC fully-accredited degrees<br><br>Other options:<br>BSc Natural Sciences                  |
| <b>East Anglia</b> | BSc Chemistry (F100)<br><br>MChem Chemistry (F101) | 3 years, full time<br><br>4 years, full time<br>4 years inc placement year/ abroad                                     | 29,300                                     | A Level: BBB inc Chemistry<br><br>IB: 31 points including HL Chemistry at 5                                                                    | RSC fully-accredited degrees<br><br>Other options:<br>BSc/MChem Medicinal Chemistry         |
| <b>East London</b> | BSc Chemistry (F100)                               | 3 years, full time<br>4 years inc placement year                                                                       | 15,560                                     | UCAS Tariff Point: 112<br><br>A Level: Grade B in Biology or Chemistry<br><br>IB: 25 points inc min 15 at HL, inc 4 in HL Biology or Chemistry | RSC fully-accredited degree                                                                 |

## SECTION 2: APPLYING FOR CHEMISTRY

| Name of University | Course Title & UCAS Code | Course Duration                                                                      | Tuition fees (£) per academic year (2026) | Entry Requirements                                                                                                                                                                                                                                                                                                                                                    | Remarks                                                                                                                    |
|--------------------|--------------------------|--------------------------------------------------------------------------------------|-------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------|
| <b>Edinburgh</b>   | BSc Chemistry (F100)     | 4 years, full time                                                                   | 36,800                                    | A Level: AAA – ABB                                                                                                                                                                                                                                                                                                                                                    | RSC fully-accredited degrees                                                                                               |
|                    | MChem Chemistry (F104)   | 5 years, full time<br>5 years inc study abroad/<br>placement                         |                                           | IB: 37 points with 666 at HL - 32 points with 655 at HL<br><br><u>2<sup>nd</sup> year entry</u><br>A Level: A*AA in one set of exams inc Chemistry and Mathematics, or AAA in one set of exams inc Chemistry, Mathematics and one of Further Mathematics, Physics, Biology, and Geology.<br><br>IB: 38 points with 766 at HL inc Chemistry and Mathematics (A&A only) | Other options:<br>BSc/MChem Medicinal and Biological Chemistry<br>BSc/MChemPhys Chemical Physics                           |
| <b>Glasgow</b>     | BSc Chemistry (F100)     | 4 years, full time                                                                   | 31,800                                    | A Level: ABB-BBB, inc Mathematics & Chemistry                                                                                                                                                                                                                                                                                                                         | RSC fully-accredited degrees                                                                                               |
|                    | MSci Chemistry (F101)    | 5 years, full time inc work placement                                                |                                           | IB: 32 points (5,5,5) inc HL Mathematics (A&A) and Chemistry<br><br><u>2<sup>nd</sup> year entry</u><br>(one exam year and first attempt)<br>A Level: A*AA inc Mathematics and Chemistry<br><br>IB: 38 points 6,6,6 in HL Mathematics (A&A), Chemistry and Physics                                                                                                    | Other options:<br>BSc/MSci Chemical Physics<br>BSc/MSci Materials Chemistry<br>BSc/MSci Chemistry With Medicinal Chemistry |
| <b>Heriot Watt</b> | BSc Chemistry (F100)     | 4 years, full time                                                                   | 25,008                                    | A Level: BBC- ABB inc Chemistry and Maths/Physics at B                                                                                                                                                                                                                                                                                                                | RSC fully-accredited degrees                                                                                               |
|                    | MChem Chemistry (F101)   | 5 years, full time<br><br>Placement & study abroad with additional one year duration |                                           | IB: 29 points HL Chemistry & Maths/Physics at 5<br><br><u>2<sup>nd</sup> year entry</u><br>A Level: AAB inc Chemistry & Maths with one at A<br><br>IB: 34 points HL Chemistry & Maths at 6                                                                                                                                                                            |                                                                                                                            |

## SECTION 2: APPLYING FOR CHEMISTRY

| Name of University             | Course Title & UCAS Code | Course Duration                                              | Tuition fees (£) per academic year (2026) | Entry Requirements                                                                                                         | Remarks                                                                                                                                                   |
|--------------------------------|--------------------------|--------------------------------------------------------------|-------------------------------------------|----------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Huddersfield</b>            | BSc Chemistry (F100)     | 3 years, full time                                           | 17,600                                    | A Level: BBC-BCC inc C in Chemistry                                                                                        | RSC fully-accredited degrees                                                                                                                              |
|                                | MChem Chemistry (F102)   | 4 years, full time inc placement year                        |                                           | IB: 112-104 UCAS tariff points inc HL Chemistry at 5                                                                       | Other options:<br>BSc Chemistry with Forensic Science<br>BSc/MSci Pharmaceutical Chemistry<br>BSc Natural Sciences                                        |
| <b>Imperial College London</b> | BSc Chemistry (F100)     | 3 years, full time                                           | 43,300                                    | A Level: AAA, Chemistry, Mathematics and other 3 <sup>rd</sup> subject at A                                                | RSC fully-accredited degrees<br><br>Typical offer: A*AA/IB 39 points                                                                                      |
|                                | MSci Chemistry (F103)    | 4 years, full time, 5 years inc placement                    |                                           | IB: 38 points, inc HL 6,6,6 in Chemistry, Math & 3 <sup>rd</sup> subject ((Biology, Economics or Physics are recommended)) | Other options:<br>BSc Chemistry with Management<br>MSci Chemistry with Medicinal Chemistry<br>MSci Chemistry with Molecular Physics                       |
| <b>Keele</b>                   | BSc Chemistry (F101)     | 3 years, full time<br>4 years, inc placement or study abroad | 18,200 (2026)                             | A Level: BBC inc Chemistry at C                                                                                            | RSC fully-accredited degrees                                                                                                                              |
|                                | MChem Chemistry (F102)   | 4 years, full time, 5 years inc placement or study abroad    |                                           | IB: 29 points, inc 4 in HL Chemistry or 554 in three HLs inc 4 in Chemistry                                                | Other options:<br>BSc Chemistry with Materials Chemistry (F106)<br>BSc Chemistry with Mathematics (FG12)<br>BSc Chemistry with Medicinal Chemistry (F123) |
| <b>Kent</b>                    | BSc Chemistry (F107)     | 3 years, full time,<br>4 years, full time inc placement      | 23,500                                    | A level: BBC inc Chemistry, Physics or Biology at B                                                                        | RSC fully-accredited degrees                                                                                                                              |
|                                | MChem Chemistry (F109)   | 4 years, full time                                           |                                           | IB: 112 Tariff points. Typically 5,5,6 at HL inc HL Chemistry, Biology or Physics at 5                                     |                                                                                                                                                           |

## SECTION 2: APPLYING FOR CHEMISTRY

| Name of University           | Course Title & UCAS Code | Course Duration                                               | Tuition fees (£) per academic year (2025)                                | Entry Requirements                                                                                                                | Remarks                                                                                                                  |
|------------------------------|--------------------------|---------------------------------------------------------------|--------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------|
| <b>King's College London</b> | BSc Chemistry (F100)     | 3 years, full time<br>4 years, inc placement                  | 35,800                                                                   | A Level: AAB inc Chemistry at grade A, and grade A in one from Biology, Mathematics and Physics                                   | Only MSci courses are RSC fully-accredited                                                                               |
|                              | MSci Chemistry (F103)    | 4 years, full time<br>5 years, inc placement                  |                                                                          | IB: 35 points including 665 at HL with 6 in HL Chemistry & HL 6 in one from Mathematics, Physics and Biology                      | Other options:<br>BSc/MSci Chemistry with Biomedicine                                                                    |
| <b>Kingston</b>              | BSc Chemistry (F100)     | 3 years, full time,<br>4 years, inc placement                 | 19,200                                                                   | UCAS Tariff Point: 112-128<br><br>A Level: min grade C in Chemistry                                                               | RSC fully-accredited degree                                                                                              |
| <b>Lancaster</b>             | BSc Chemistry (F100)     | 3 years, full time                                            | 29,820                                                                   | A Level: ABB inc BB in Chemistry and another science                                                                              | RSC fully-accredited degrees                                                                                             |
|                              | MChem Chemistry (F101)   | 4 years, full time,<br>Inc study abroad                       |                                                                          | IB: 32 points inc 16 points from the best 3 Higher Level subjects including Chemistry and a further science subject at HL grade 6 |                                                                                                                          |
| <b>Leeds</b>                 | BSc Chemistry (F100)     | 3 years, full time,<br>4 years inc placement and study abroad | 32,250                                                                   | A level: AAB inc Chemistry                                                                                                        | RSC fully-accredited degrees<br><br>Other options:<br>BSc/MChem Medicinal Chemistry<br>BSc/MChem Chemistry & Mathematics |
|                              | MChem Chemistry (F103)   | 4 years, full time<br>4 years, inc placement and study abroad |                                                                          | IB: 6,6,5 at Higher Level including Chemistry                                                                                     |                                                                                                                          |
| <b>Leicester</b>             | BSc Chemistry (F100)     | 3 years, full time<br>4 years, inc placement                  | 24,500<br><br>Year in Industry: 3,675 (15% of the full-time tuition fee) | A Level: BBB inc Chemistry (BSc)                                                                                                  | RSC fully-accredited degrees<br><br>Other options:<br>BSc/MChem Medicinal Chemistry                                      |
|                              | MChem Chemistry (F105)   | 4 years, full time<br>4 years, inc placement and study abroad |                                                                          | IB: 28 points inc grade 5 in HL Chemistry. Minimum of 4 in HL Maths, or 5 in SL Maths                                             |                                                                                                                          |

## SECTION 2: APPLYING FOR CHEMISTRY

| Name of University         | Course Title & UCAS Code | Course Duration                                              | Tuition fees (£) per academic year (2026) | Entry Requirements                                                                           | Remarks                                                                                                                                                                            |
|----------------------------|--------------------------|--------------------------------------------------------------|-------------------------------------------|----------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Lincoln</b>             | BSc Chemistry (F100)     | 3 years, full time<br>4 years, inc placement                 | 18,300                                    | A Level: BCD to BBC, to inc B in Chemistry                                                   | RSC fully-accredited degrees<br><br>Other options:<br>BSc/MChem Forensic Chemistry<br>BSc/MChem Chemistry for Drug Discovery & Development<br>BSc/MChem Chemistry with Mathematics |
|                            | MChem Chemistry (F102)   | 4 years, full time                                           |                                           | IB: 28 points overall, with HL 5 in Chemistry                                                |                                                                                                                                                                                    |
| <b>Liverpool</b>           | BSc Chemistry (F100)     | 3 years, full time<br>4 years, inc placement and year abroad | 29,100<br>Year in Industry: 1,850         | A level: ABB two science A Levels inc Chemistry / AAB one science A Level inc A in Chemistry | RSC fully-accredited degrees<br><br>Other options:<br>BSc Medicinal Chemistry<br>MChem Medicinal Chemistry with Pharmacology                                                       |
|                            | MChem Chemistry (F102)   | 4 years, full time<br>4 years, inc placement                 |                                           | IB: 32 inc 5 from HL Chemistry & 5 from another HL science subject                           |                                                                                                                                                                                    |
| <b>London Metropolitan</b> | BSc Chemistry (F100)     | 3 years, full time                                           | 19,500                                    | UCAS Tariff: 104 points<br><br>A level: 104 UCAS points inc C in Chemistry                   | RSC fully-accredited degree                                                                                                                                                        |
| <b>Loughborough</b>        | BSc Chemistry (F100)     | 3 years, full time<br>4 years, inc placement                 | 30,700 (2026)                             | A Level: ABB inc Chemistry and preferably one other Science or Maths                         | RSC fully-accredited degrees<br><br>Other options:<br>BSc/MChem Chemistry with Computing<br>BSc/MChem Medicinal and Pharmaceutical Chemistry<br>BSc/MSci Natural Sciences          |
|                            | MChem Chemistry (F102)   | 4 years, full time<br>5 years, inc placement                 |                                           | IB: 34 (6,5,5 HL) inc HL Chemistry and preferably one other science or Maths at HL           |                                                                                                                                                                                    |
| <b>Manchester</b>          | BSc Chemistry (F100)     | 3 years, full time<br>4 years, inc placement                 | 36,000                                    | A Level: AAA inc Chemistry plus one other science or maths subject                           | RSC fully-accredited degrees<br><br>Other options:<br>BSc/MChem Chemistry with Medicinal Chemistry<br>MChem Chemistry with International Study                                     |
|                            | MChem Chemistry (F109)   | 4 years, full time                                           |                                           | IB: 36 points overall. Grades 6,6,6 in HL Chemistry and one other Science or Mathematics     |                                                                                                                                                                                    |

**SECTION 2: APPLYING FOR CHEMISTRY**

| Name of University             | Course Title & UCAS Code | Course Duration                                               | Tuition fees (£) per academic year (2026) | Entry Requirements                                                                  | Remarks                                                                                                             |
|--------------------------------|--------------------------|---------------------------------------------------------------|-------------------------------------------|-------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------|
| <b>Manchester Metropolitan</b> | BSc Chemistry (F100)     | 3 years, full time<br>4 years, inc placement and study abroad | 21,500                                    | UCAS Tariff: 104-112 points<br><br>A level: BCC to include grade C in Chemistry     | RSC fully-accredited degrees<br><br>Other options:<br>BSc/MChem Medicinal and Pharmaceutical Chemistry              |
|                                | MChem Chemistry (F103)   | 4 years, full time                                            |                                           | IB: 26 points, inc HL5 Chemistry                                                    |                                                                                                                     |
| <b>Newcastle</b>               | BSc Chemistry (F100)     | 3 years, full time<br>4 years, inc placement and study abroad | 30,600                                    | A Level: ABB inc Chemistry<br><br>IB: 32 points inc 6 and above in HL Chemistry     | RSC fully-accredited degrees<br><br>Other options:<br>BSc/MChem Chemistry with Medicinal Chemistry                  |
|                                | MChem Chemistry (F103)   | 4 years, full time<br>4 years, inc placement and study abroad |                                           |                                                                                     |                                                                                                                     |
| <b>Northumbria</b>             | BSc Chemistry (F110)     | 3 years, full time<br>4 years, inc placement and study abroad | 20,950                                    | UCAS Tariff Point: 96-112<br><br>A Level: inc B in Chemistry                        | RSC fully-accredited degrees                                                                                        |
|                                | MChem Chemistry (F101)   | 4 years, full time<br>5 years, inc placement and study abroad |                                           |                                                                                     |                                                                                                                     |
| <b>Nottingham</b>              | BSc Chemistry (F100)     | 3 years, full time<br>4 years, inc placement                  | 30,750 (2026)                             | A Level: AAB-ABB inc Chemistry at grade A<br><br>IB: 32-30 inc 6 in Chemistry at HL | RSC fully-accredited degrees<br><br>Other options:<br>BSc/MSci Medicinal & Biological Chemistry                     |
|                                | MSci Chemistry (F101)    | 4 years, full time                                            |                                           |                                                                                     |                                                                                                                     |
| <b>Nottingham Trent</b>        | BSc Chemistry (F100)     | 3 years, full time,                                           | 17,500                                    | UCAS Tariff points: 112 inc Chemistry grade C                                       | RSC fully-accredited degrees<br><br>Other options:<br>BSc/MChem Medicinal Chemistry<br>BSc/MChem Forensic Chemistry |
|                                | MChem Chemistry (F103)   | 4 years, full time                                            |                                           |                                                                                     |                                                                                                                     |

**SECTION 2: APPLYING FOR CHEMISTRY**

| Name of University                   | Course Title & UCAS Code | Course Duration                                              | Tuition fees (£) per academic year (2026) | Entry Requirements                                                                                                                                                                                 | Remarks                                                                                                                   |
|--------------------------------------|--------------------------|--------------------------------------------------------------|-------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------|
| <b>Oxford</b>                        | MChem Chemistry (F100)   | 4 years, full time                                           | 59,260                                    | A Level: A*A*A (with both A*s in science subjects and/or Maths)<br><br>IB: 40 inc 7 in HL Chemistry and EITHER 6 in HL Mathematics OR 7 in SL Mathematics (A&A) plus a second science with 7 at HL | RSC fully-accredited degree                                                                                               |
| <b>Plymouth</b>                      | BSc Chemistry (F100)     | 3 years, full time<br>4 years, inc placement                 | 18,650                                    | UCAS Tariff: 104-112 points<br><br>A Levels: min. 3 A levels subject inc C in Chemistry<br><br>IB: 26-27 inc 4 at HL Chemistry                                                                     | RSC fully-accredited degree                                                                                               |
| <b>Queen's Belfast</b>               | BSc Chemistry (F100)     | 3 years, full time<br>4 years inc placement                  | 25,300 (2026)                             | A Level: BBB inc 2 science subjects inc Chemistry<br><br>IB: 32 points inc 6,5,5 HL Chemistry + 2 <sup>nd</sup> Science                                                                            | RSC fully-accredited degrees<br><br>Other options:<br>BSc/MChem Medicinal Chemistry                                       |
| <b>Queen Mary University, London</b> | BSc Chemistry (F100)     | 3 years, full time,<br>4 years, inc placement / study abroad | 29,950                                    | A Level: ABB inc Chemistry<br><br>IB: 34 inc 6,5,5 from 3 HL subjects inc Chemistry                                                                                                                | RSC fully-accredited degrees<br><br>Other options:<br>BSc/MSci Pharmaceutical Chemistry                                   |
|                                      | MSci Chemistry (F103)    | 4 years, full time<br>5 years, inc study abroad              |                                           |                                                                                                                                                                                                    |                                                                                                                           |
| <b>Reading</b>                       | BSc Chemistry (F100)     | 3 years, full time<br>4 years inc placement                  | 30,650                                    | A Level: BBB inc B in Chemistry<br><br>IB: 30 Points inc 5 in HL Chemistry                                                                                                                         | RSC fully-accredited degrees<br><br>Other options:<br>BSc Chemistry with Cosmetic Science<br>BSc Pharmaceutical Chemistry |
|                                      | MChem Chemistry (F103)   | 4 years, full time<br>4 years inc placement                  |                                           |                                                                                                                                                                                                    |                                                                                                                           |

SECTION 2: APPLYING FOR CHEMISTRY

| Name of University      | Course Title & UCAS Code   | Course Duration                                               | Tuition fees (£) per academic year (2026) | Entry Requirements                                                                                                                                                                                                                                                                                  | Remarks                                                                                                                                                             |
|-------------------------|----------------------------|---------------------------------------------------------------|-------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Sheffield Hallam</b> | BSc/MChem Chemistry (F100) | 3 years, full time<br>4 years inc placement                   | 18,000 (2026)                             | UCAS Tariff Points: 112-120                                                                                                                                                                                                                                                                         | RSC fully-accredited degree                                                                                                                                         |
| <b>St Andrews</b>       | BSc Chemistry (F100)       | 4 years, full time                                            | 31,670                                    | A Level: AAA, inc A in Chemistry.                                                                                                                                                                                                                                                                   | RSC fully-accredited degrees                                                                                                                                        |
|                         | MChem Chemistry (F101)     | 5 years, full time                                            |                                           | IB: 38 (HL 6,6,6), including HL6 in Chemistry and HL6 in one of the following subjects: Biology, Comp Science, Economics, Geography, Math and Physics                                                                                                                                               | Other options:<br>BSc/MChem Chemistry with Medicinal Chemistry<br>BSc/MChem Materials Chemistry<br>BSc/MA Sustainable Development<br>BSc Chemical Sciences          |
| <b>Sheffield</b>        | BSc Chemistry (F100)       | 3 years, full time<br>4 years, inc placement and study abroad | 30,570                                    | A Level: AAB, inc Chemistry                                                                                                                                                                                                                                                                         | RSC fully-accredited degrees                                                                                                                                        |
|                         | MChem Chemistry (F105)     | 4 years, full time<br>4 years, inc placement and study abroad |                                           | IB: 34 with 5 in HL Chemistry                                                                                                                                                                                                                                                                       | Other options:<br>BSc/MChem Chemistry with Biological and Medicinal Chemistry                                                                                       |
| <b>Southampton</b>      | BSc Chemistry (F100)       | 3 years, full time<br>4 years, inc placement                  | 29,400                                    | A Level: AAB inc Chemistry                                                                                                                                                                                                                                                                          | RSC fully-accredited degrees                                                                                                                                        |
|                         | MChem Chemistry (F103)     | 4 years, full time                                            |                                           | IB: 34 points with 17 at HL inc 5 at HL Chemistry                                                                                                                                                                                                                                                   | Other options:<br>BSc/MChem Chemistry (Digital Methods and Computational Modelling)<br>BSc/MChem Chemistry with Medicinal Sciences                                  |
| <b>Strathclyde</b>      | MChem Chemistry (F103)     | 5 years, full time                                            | 27,800                                    | A Level: BBB Chemistry, and one of Maths, Physics or Biology [Year 1 Entry]<br>Chemistry, Maths, Physics or Biology [Year 2 Entry]<br><br>IB: 30 points. Chemistry at HL and one of Maths, Physics or Biology at HL [Year 1 entry]<br>Chemistry, Maths, Physics or Biology all at HL [Year 2 entry] | RSC fully-accredited degrees<br><br>Other options:<br>MChem Forensic & Analytical Chemistry<br>MChem Chemistry with Drug Discovery<br>MChem Chemistry with Teaching |

**SECTION 2: APPLYING FOR CHEMISTRY**

| Name of University | Course Title & UCAS Code                           | Course Duration                                                                         | Tuition fees (£) per academic year (2026) | Entry Requirements                                                                                                                                                                                                                                       | Remarks                                                                                                                                 |
|--------------------|----------------------------------------------------|-----------------------------------------------------------------------------------------|-------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------|
| <b>Surrey</b>      | BSc Chemistry (F100)<br><br>MChem Chemistry (F110) | 3 years, full time.<br>4 years, inc placement<br><br>4 years, full time                 | 26,000                                    | A Level: BBB inc Chemistry and a second science subject<br><br>IB: 32 inc HL5/SL6 in Chemistry and a second science subject                                                                                                                              | RSC fully-accredited degrees<br><br>Other options:<br>BSc/MChem Chemistry with Forensic Investigation<br>BSc/MChem Medicinal Chemistry  |
| <b>Sussex</b>      | BSc Chemistry (F100)<br><br>MChem Chemistry (F103) | 3 years, full time<br><br>4 years, full time<br>4 years, inc placement and study abroad | 26,250                                    | A Level: ABB inc B in Chemistry<br><br>IB: 32 inc 5 in HL Chemistry                                                                                                                                                                                      | RSC fully-accredited degrees                                                                                                            |
| <b>Swansea</b>     | BSc Chemistry (F100)<br><br>MChem Chemistry (F123) | 3 years, full time<br>4 years, inc placement and study abroad<br><br>4 years, full time | 22,250                                    | A Level: ABB-BCC inc Chemistry<br><br>IB: 32 inc 5 in HL Chemistry and Maths                                                                                                                                                                             | RSC fully-accredited degrees                                                                                                            |
| <b>UCL</b>         | BSc Chemistry (F100)<br><br>MSci Chemistry (F101)  | 3 years, full time<br><br>4 years, full time                                            | 39,800                                    | A Level: AAA inc Chemistry and one of Biology, Physics or Mathematics required.<br><br>IB: 38. A score of 18 points in three higher level subjects including 6 in Chemistry and 6 in one of Biology, Physics or Mathematics, with no score lower than 5. | RSC fully-accredited degrees<br><br>Other options:<br>BSc/MSci Chemistry with Mathematics<br>BSc/MSci Chemistry with Management Studies |

SECTION 2: APPLYING FOR CHEMISTRY

| Name of University | Course Title & UCAS Code | Course Duration                                               | Tuition fees (£) per academic year (2026) | Entry Requirements                                                                                                                                                   | Remarks                                                                                                                                                                                             |
|--------------------|--------------------------|---------------------------------------------------------------|-------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Warwick</b>     | BSc Chemistry (F100)     | 3 years, full time                                            | 33,520                                    | A level: AAB inc Chemistry one of the following: Mathematics, Further Mathematics, Physics, Biology, Geology, Statistics or Computer Science                         | RSC fully-accredited degrees                                                                                                                                                                        |
|                    | MChem Chemistry (F105)   | 4 years, full time<br>4 years, inc placement and study abroad |                                           | IB: 34 inc 6 in HL Chemistry and 5 in HL Biology, Physics, Mathematics 'Analysis and Approaches', Mathematics 'Applications and Interpretation', or Computer Science | Other options:<br>BSc/MChem Chemistry with Medicinal Chemistry                                                                                                                                      |
| <b>York</b>        | BSc Chemistry (F100)     | 3 years, full time                                            | 31,100                                    | A Level: AAA-AAB including A in Chemistry plus two other sciences/mathematics                                                                                        | RSC fully-accredited degrees                                                                                                                                                                        |
|                    | MChem Chemistry (F103)   | 4 years, full time<br>4 years, inc placement and study abroad |                                           | IB: 36-35 inc 6 in HL Chemistry and 5 in another science/maths at HL                                                                                                 | Other options:<br>BSc/MChem Chemistry, Green Principles & Sustainable Processes<br>BSc/MChem Chemistry, Biological & Medicinal Chemistry<br>BSc/MChem Chemistry, the Atmosphere and the Environment |

## Entry Requirements

Universities will generally ask for 3 A Levels subjects, including Chemistry and 1 or 2 of them being other Science subjects / Mathematics.

## Selectors' Attitude

All aspects of information presented in the UCAS form will be looked at, including predicted academic performance.

## Personal Statement

The universities look for someone who is intellectually curious and open-minded. The Personal Statement should reflect a student's enthusiasm to study the subject as well as understanding of the scientific underpinning of the discipline.



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# LOOKING AHEAD

## Career Path

As with other 'hard' sciences, if your goal is to pursue a career in chemistry, you will probably need to go down the graduate study route. The complexity of the subject means that often an undergraduate course will be insufficient.

You can undertake research positions in a range of different environments: universities, public and private research institutions, and at profit-orientate private companies.

The latter can range from defence companies to ice cream makers: there's no shortage of practical money-making applications for chemistry. There are plenty of opportunities for aspiring research chemists, but be warned: it can get pretty challenging at higher levels. Accordingly, you will be competing with some very clever people.

Research is not the only path open to chemists. Specialist teaching and journalism are always options, as are other careers for which specialist knowledge will be an asset: forensics for example, or health and safety related professions.

You can also enter graduate programs in law or medicine. And then there's a whole range of general graduate jobs – sales, finance, and the media for example – out there.

## Chemistry in Malaysia

IKM (INSTITUT KIMIA MALAYSIA / Malaysian Institute of Chemistry) is a professional body first established way back in 1967. The Chemists Act was passed in 1975 and it requires all practicing chemists to be registered with IKM and this has given chemists due recognition as a professional. The Membership of the Institute is open to all persons over 21 years old with a recognised degree in chemistry or equivalent academic qualification in chemistry or a specialised discipline associated with chemistry and the requisite practical experience.



Membership of the Institute shall be one of three grades namely

- Fellow (FMIC)
- Member (MMIC)
- Licentiate (LMIC)

## **Route to becoming a Chemist in the UK**

The Royal Society of Chemistry accredits bachelor and masters degrees that meets a specific professional standard. Accredited programmes are a sign that specific criteria and the requirements of the chemical sciences profession, employers and students are being met. They also satisfy the academic requirements for Chartered Chemist (CChem) and Chartered Scientist (CSci) in the UK and internationally.

In order to become a chemist, you'll usually need a degree qualification. Subjects include:

- chemistry
- applied or analytical chemistry
- biochemistry

As well as a degree, many employers will also want you to have a relevant postgraduate qualification.

Some universities offer an extended degree which leads directly to a postgraduate qualification like an MChem or MSci. These courses have more independent research and can lead directly into professional practice or further postgraduate study.

As a chemist working in the industry, you could be involved in research and development, patent work, health and safety or forensic science.

You could also move into teaching or a career in the media.

As an experienced chemist, you could work towards chartered status like Chartered Chemist (CChem) and Chartered Scientist (CSci)

# “How can MABECS help me?”



If all that information is making you feel overwhelmed, don't worry. You're not alone. Countless students have felt the same way and they've found it helpful to consult MABECS for their UK degree applications. For an overview of our services, check out the Inside Front Cover page.

Here is how your MABECS Education Advisor can help you in detail:

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## BEFORE APPLYING

MABECS provides detailed information on:

- UK universities' environment, fees, and facilities
- course structure, content and specialisation
- entry requirements and university standards
- specific university's research ratings and teaching quality assessments



We can also recommend suitable and relevant universities based on your academic results and preferences.

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## PRE-DEPARTURE HELP

MABECS provides guidance on:

- visa applications
- accommodation arrangements
- flight bookings

2

## APPLICATION

MABECS provides detailed information on:

- undergraduate degree application explained from start to end
- personal guidance for your Personal Statement
- mock interviews
- monitoring the progress of your application
- providing advice at stages where important decisions need to be made
- being the intermediary (middle person) between you and universities if our assistance is required
- counselling sessions with visiting UK admissions tutors and university representatives
- IELTS registration with the British Council

## About Us

MABECS was set up in 1985 to assist students in Malaysia to find suitable places at universities in the United Kingdom.

Since 1985, students we have counselled have successfully enrolled in top UK universities – both at undergraduate and postgraduate levels.

Whether you're an individual student seeking counselling for your UK degree application, or an education institution hoping to achieve the same for your pre-university students, MABECS is here to help.



Visit our website at [www.mabecs.com](http://www.mabecs.com) for a quick overview of how MABECS helps students from start to end of their UK degree application process. You'll also find many helpful articles on studying in the UK, including real student stories!

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## UK degree applications made easy

**MABECS SDN BHD** 189501011041 (143492V)

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**Monday to Friday:**  
9:30am to 4:30pm

**Saturdays, Sundays and public  
holidays:** Closed



# UK degree applications made easy.

We take care of everything in your UK degree application with your cooperation - free of charge.



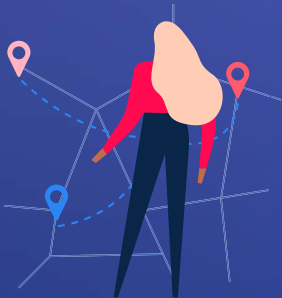
## Student-centered

Our strong student-centered approach to counselling, means that we give students the fullest possible information on all available options, to help them make sensible decisions.



## Free Consultation

Advice, information and assistance with applications, are given free of charge and our Education Advisors are always ready to sort out any problems that may arise, and to brief you on preparations for travel to the UK.



## Accessible

Our friendly multi-racial, open-access office, can be easily reached by public transport, and no appointment is necessary to drop in and browse through the reference library, talk to an Education Advisor, or complete and send an application.