

UK DEGREE APPLICATIONS MADE EASY

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.

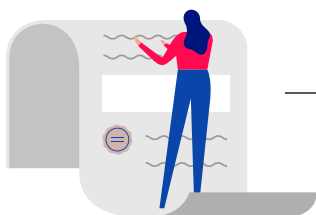


To find out more about MABECS' history and services, turn to the inside back cover. To reach a MABECS Education Advisor, call or WhatsApp us at +603-7956 7655 or email enquiries@mabecs.com

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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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** 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

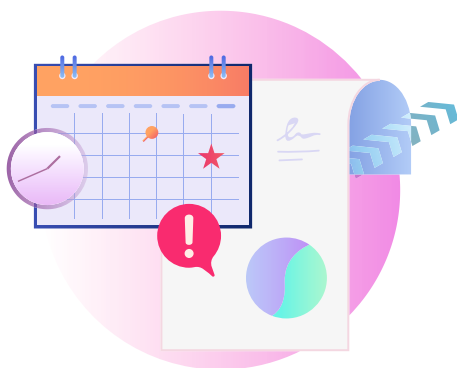


APPLYING FOR CHEMISTRY

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 15, 2026.

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 (2025)	Entry Requirements	Remarks
Aberdeen	BSc Chemistry (F100)	4 years, full time	24,800	A Level: BBC (BSc) BBB (MChem) IB: 32 points, including 5, 5, 5 at HL (BSc) IB: 34 points, 6 at HL Chemistry and another Science subject (MChem)	RSC fully-accredited degrees
Bath	BSc Chemistry (I110) MChem Chemistry (I112)	3 years, full time 4 years, including placement / study abroad 4 years, full time 4 years, including placement / study abroad	30,500	A Level: AAA or AAB inc A in Chemistry and two other science or mathematics subjects. 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 Other options: BSc/MChem Chemistry for Drug Discovery BSc/MSci Chemistry with Management
Birmingham	BSc Chemistry (F100) MSci Chemistry (F101)	3 years, full time 4 years inc placement 4 years, full time 4 years inc placement	28,130	A Level: AAA-AAB inc Chemistry. Min Math GCSE grade 6 (BSc) A*AA-AAA inc Chemistry. Min Math GCSE grade 6 (MSci) IB: 32 points, 6,6,6-6,6,5 inc Chemistry at HL (BSc) 32 points, 7,6,6 - 6,6,6 inc Chemistry at HL (MSci)	RSC fully-accredited degrees Other options: BSc/MSci Chemistry with a Modern Language BSc/MSci Chemistry with Medicinal Chemistry and Drug Discovery BSc/MSci Chemistry with Sustainability
Bristol	BSc Chemistry (F100) MSci Chemistry (F103)	3 years, full time 4 years, inc placement/ study abroad 4 years, full time 4 years inc study abroad	30,400	A Level: AAA inc Chemistry (BSc) A*AA inc Chemistry (MSci) IB: 36 points, 18 at HL inc 6 at HL Chemistry (BSc) 38 points, 18 at HL inc 6 at HL Chemistry (MSci)	RSC fully-accredited degrees Other options: BSc/MSci Chemical Physics

Name of University	Course Title & UCAS Code	Course Duration	Tuition fees (£) per academic year (2025)	Entry Requirements	Remarks
Cambridge	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 IB: 41-42 points, with 776 at Higher Level	RSC fully-accredited degrees Engineering and Science Admissions Test (ESAT) required
Cardiff	BSc Chemistry (F100) MChem Chemistry (F103)	3 years, full time 4 years inc placement year abroad 4 years, full time 4 years inc placement year abroad	29,450	A Level: ABB-BBC inc Chemistry IB: 32-30 overall or 665-655 in 3HL subjects, must incl Grade 5 in HL Chemistry	RSC fully-accredited degrees Other options: BSc Medicinal Chemistry
Chester	BSc Chemistry (F100)	3 years, full time	14,450	UCAS Tariff Point: 112 A Level: BCC-BBC Inc Chemistry IB: 26 points inc 5 in HL Chemistry	*NOT* RSC fully-accredited degrees
Durham	BSc Chemistry (F100) MChem Chemistry (F105)	3 years, full time 4 years, full time	33,250	A Level: A*AA inc Chemistry and Mathematics IB: 38 points, 666 from HL inc HL Chemistry and HL Maths	RSC fully-accredited degrees Other options: BSc Natural Sciences
East Anglia	BSc Chemistry (F100) MChem Chemistry (F101)	3 years, full time 4 years, full time 4 years inc placement year/ abroad	29,300	A Level: BBB inc Chemistry IB: 31 points including HL Chemistry at 5	RSC fully-accredited degrees Other options: BSc/MChem Medicinal Chemistry
East London	BSc Chemistry (F100)	3 years, full time 4 years inc placement year	15,560	UCAS Tariff Point: 112 A Level: Grade B in Biology or Chemistry 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 (2025)	Entry Requirements	Remarks
Edinburgh	BSc Chemistry (F100)	4 years, full time	36,800	A Level: AAA – ABB	RSC fully-accredited degrees Other options: BSc/MChem Medicinal and Biological Chemistry BSc/MChem Phys Chemical Physics
	MChem Chemistry (F104)	5 years, full time 5 years inc study abroad/ placement		IB: 37 points with 666 at HL - 32 points with 655 at HL <u>2nd year entry</u> 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. IB: 38 points with 766 at HL inc Chemistry and Mathematics (A&A only)	
Glasgow	BSc Chemistry (F100)	4 years, full time	31,800	A Level: ABB-BBB, inc Mathematics & Chemistry	RSC fully-accredited degrees Other options: BSc/MSci Chemical Physics BSc/MSci Materials Chemistry BSc/MSci Chemistry With Medicinal Chemistry
	MSci Chemistry (F101)	5 years, full time inc work placement		IB: 32 points (5,5,5) inc HL Mathematics (A&A) and Chemistry <u>2nd year entry</u> (one exam year and first attempt) A Level: A*AA inc Mathematics and Chemistry IB: 38 points 6,6,6 in HL Mathematics (A&A), Chemistry and Physics	
Heriot Watt	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 Placement & study abroad with additional one year duration		IB: 29 points HL Chemistry & Maths/Physics at 5 <u>2nd year entry</u> A Level: AAB inc Chemistry & Maths with one at A IB: 34 points HL Chemistry & Maths at 6	

Name of University	Course Title & UCAS Code	Course Duration	Tuition fees (£) per academic year (2025)	Entry Requirements	Remarks
Huddersfield	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: BSc Chemistry with Forensic Science BSc/MSci Pharmaceutical Chemistry BSc Natural Sciences
Imperial College London	BSc Chemistry (F100)	3 years, full time	43,300	A Level: AAA, Chemistry, Mathematics and other 3 rd subject at A	RSC fully-accredited degrees
	MSci Chemistry (F103)	4 years, full time, 5 years inc placement		IB: 38 points, inc HL 6,6,6 in Chemistry, Math & 3 rd subject ((Biology, Economics or Physics are recommended))	Typical offer: A*AA/IB 39 points Other options: BSc Chemistry with Management MSci Chemistry with Medicinal Chemistry MSci Chemistry with Molecular Physics
Keele	BSc Chemistry (F101)	3 years, full time 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: BSc Chemistry with Materials Chemistry (F106) BSc Chemistry with Mathematics (FG12) BSc Chemistry with Medicinal Chemistry (F123)
Kent	BSc Chemistry (F107)	3 years, full time, 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
King's College London	BSc Chemistry (F100)	3 years, full time 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 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: BSc/MSci Chemistry with Biomedicine
Kingston	BSc Chemistry (F100)	3 years, full time, 4 years, inc placement	19,200	UCAS Tariff Point: 112-128	RSC fully-accredited degree
				A Level: min grade C in Chemistry	
Lancaster	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, 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	
Leeds	BSc Chemistry (F100)	3 years, full time, 4 years inc placement and study abroad	32,250	A level: AAB inc Chemistry	RSC fully-accredited degrees
	MChem Chemistry (F103)	4 years, full time 4 years, inc placement and study abroad		IB: 6,6,5 at Higher Level including Chemistry	Other options: BSc/MChem Medicinal Chemistry BSc/MChem Chemistry & Mathematics
Leicester	BSc Chemistry (F100)	3 years, full time 4 years, inc placement	24,500 Year in Industry: 3,675 (15% of the full-time tuition fee)	A Level: BBB inc Chemistry (BSc)	RSC fully-accredited degrees
	MChem Chemistry (F105)	4 years, full time 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	Other options: BSc/MChem Medicinal Chemistry

Name of University	Course Title & UCAS Code	Course Duration	Tuition fees (£) per academic year (2025)	Entry Requirements	Remarks
Lincoln	BSc Chemistry (F100)	3 years, full time 4 years, inc placement	18,300	A Level: BCD to BBC, to inc B in Chemistry IB: 28 points overall, with HL 5 in Chemistry	RSC fully-accredited degrees Other options: BSc/MChem Forensic Chemistry BSc/MChem Chemistry for Drug Discovery & Development BSc/MChem Chemistry with Mathematics
	MChem Chemistry (F102)	4 years, full time			
Liverpool	BSc Chemistry (F100)	3 years, full time 4 years, inc placement and year abroad	29,100 Year in Industry: 1,850	A level: ABB two science A Levels inc Chemistry / AAB one science A Level inc A in Chemistry IB: 32 inc 5 from HL Chemistry & 5 from another HL science subject	RSC fully-accredited degrees Other options: BSc Medicinal Chemistry MChem Medicinal Chemistry with Pharmacology
	MChem Chemistry (F102)	4 years, full time 4 years, inc placement			
London Metropolitan	BSc Chemistry (F100)	3 years, full time	19,500	UCAS Tariff: 104 points A level: 104 UCAS points inc C in Chemistry	RSC fully-accredited degree
Loughborough	BSc Chemistry (F100)	3 years, full time 4 years, inc placement	30,700 (2026)	A Level: ABB inc Chemistry and preferably one other Science or Maths IB: 34 (6,5,5 HL) inc HL Chemistry and preferably one other science or Maths at HL	RSC fully-accredited degrees Other options: BSc/MChem Chemistry with Computing BSc/MChem Medicinal and Pharmaceutical Chemistry BSc/MSci Natural Sciences
	MChem Chemistry (F102)	4 years, full time 5 years, inc placement			
Manchester	BSc Chemistry (F100)	3 years, full time 4 years, inc placement	36,000	A Level: AAA inc Chemistry plus one other science or maths subject IB: 36 points overall. Grades 6,6,6 in HL Chemistry and one other Science or Mathematics	RSC fully-accredited degrees Other options: BSc/MChem Chemistry with Medicinal Chemistry MChem Chemistry with International Study
	MChem Chemistry (F109)	4 years, full time			

SECTION 2: APPLYING FOR CHEMISTRY

Name of University	Course Title & UCAS Code	Course Duration	Tuition fees (£) per academic year (2025)	Entry Requirements	Remarks
Manchester Metropolitan	BSc Chemistry (F100)	3 years, full time 4 years, inc placement and study abroad	21,500	UCAS Tariff: 104-112 points A level: BCC to include grade C in Chemistry	RSC fully-accredited degrees Other options: BSc/MChem Medicinal and Pharmaceutical Chemistry
	MChem Chemistry (F103)	4 years, full time		IB: 26 points, inc HL5 Chemistry	
Newcastle	BSc Chemistry (F100)	3 years, full time 4 years, inc placement and study abroad	30,600	A Level: ABB inc Chemistry IB: 32 points inc 6 and above in HL Chemistry	RSC fully-accredited degrees Other options: BSc/MChem Chemistry with Medicinal Chemistry
	MChem Chemistry (F103)	4 years, full time 4 years, inc placement and study abroad			
Northumbria	BSc Chemistry (F110)	3 years, full time 4 years, inc placement and study abroad	20,950	UCAS Tariff Point: 96-112 A Level: inc B in Chemistry	RSC fully-accredited degrees
	MChem Chemistry (F101)	4 years, full time 5 years, inc placement and study abroad			
Nottingham	BSc Chemistry (F100)	3 years, full time 4 years, inc placement	30,750 (2026)	A Level: AAB-ABB inc Chemistry at grade A IB: 32-30 inc 6 in Chemistry at HL	RSC fully-accredited degrees Other options: BSc/MSci Medicinal & Biological Chemistry
	MSci Chemistry (F101)	4 years, full time			
Nottingham Trent	BSc Chemistry (F100)	3 years, full time,	17,500	UCAS Tariff points: 112 inc Chemistry grade C	RSC fully-accredited degrees Other options: BSc/MChem Medicinal Chemistry BSc/MChem Forensic Chemistry
	MChem Chemistry (F103)	4 years, full time			

Name of University	Course Title & UCAS Code	Course Duration	Tuition fees (£) per academic year (2025)	Entry Requirements	Remarks
Oxford	MChem Chemistry (F100)	4 years, full time	59,260	A Level: A*A*A (with both A*'s in science subjects and/or Maths) 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
Plymouth	BSc Chemistry (F100)	3 years, full time 4 years, inc placement	18,650	UCAS Tariff: 104-112 points A Levels: min. 3 A levels subject inc C in Chemistry IB: 26-27 inc 4 at HL Chemistry	RSC fully-accredited degree
Queen's Belfast	BSc Chemistry (F100) MChem Chemistry (F105)	3 years, full time 4 years inc placement 4 years, full time 4 years, including placement / study abroad	25,300 (2026)	A Level: BBB inc 2 science subjects inc Chemistry IB: 32 points inc 6,5,5 HL Chemistry + 2 nd Science	RSC fully-accredited degrees Other options: BSc/MChem Medicinal Chemistry
Queen Mary University, London	BSc Chemistry (F100) MSci Chemistry (F103)	3 years, full time, 4 years, inc placement / study abroad 4 years, full time 5 years, inc study abroad	29,950	A Level: ABB inc Chemistry IB: 34 inc 6,5,5 from 3 HL subjects inc Chemistry	RSC fully-accredited degrees Other options: BSc/MSci Pharmaceutical Chemistry
Reading	BSc Chemistry (F100) MChem Chemistry (F103)	3 years, full time 4 years inc placement 4 years, full time 4 years inc placement	30,650	A Level: BBB inc B in Chemistry IB: 30 Points inc 5 in HL Chemistry	RSC fully-accredited degrees Other options: BSc Chemistry with Cosmetic Science BSc Pharmaceutical Chemistry

SECTION 2: APPLYING FOR CHEMISTRY

Name of University	Course Title & UCAS Code	Course Duration	Tuition fees (£) per academic year (2025)	Entry Requirements	Remarks
Sheffield Hallam	BSc/MChem Chemistry (F100)	3 years, full time 4 years inc placement	18,000 (2026)	UCAS Tariff Points: 112-120	RSC fully-accredited degree
St Andrews	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: BSc/MChem Chemistry with Medicinal Chemistry BSc/MChem Materials Chemistry BSc/MA Sustainable Development BSc Chemical Sciences
Sheffield	BSc Chemistry (F100)	3 years, full time 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 4 years, inc placement and study abroad		IB: 34 with 5 in HL Chemistry	Other options: BSc/MChem Chemistry with Biological and Medicinal Chemistry
Southampton	BSc Chemistry (F100)	3 years, full time 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: BSc/MChem Chemistry (Digital Methods and Computational Modelling) BSc/MChem Chemistry with Medicinal Sciences
Strathclyde	MChem Chemistry (F103)	5 years, full time	27,800	A Level: BBB Chemistry, and one of Maths, Physics or Biology [Year 1 Entry] Chemistry, Maths, Physics or Biology [Year 2 Entry] IB: 30 points. Chemistry at HL and one of Maths, Physics or Biology at HL [Year 1 entry] Chemistry, Maths, Physics or Biology all at HL [Year 2 entry]	RSC fully-accredited degrees Other options: MChem Forensic & Analytical Chemistry MChem Chemistry with Drug Discovery MChem Chemistry with Teaching

SECTION N. 2: APPLYING FOR CHEMISTRY

Name of University	Course Title & UCAS Code	Course Duration	Tuition fees (£) per academic year (2025)	Entry Requirements	Remarks
Surrey	BSc Chemistry (F100)	3 years, full time. 4 years, inc placement	26,000	A Level: BBB inc Chemistry and a second science subject	RSC fully-accredited degrees Other options: BSc/MChem Chemistry with Forensic Investigation BSc/MChem Medicinal Chemistry
	MChem Chemistry (F110)	4 years, full time		IB: 32 inc HL5/SL6 in Chemistry and a second science subject	
Sussex	BSc Chemistry (F100)	3 years, full time	26,250	A Level: ABB inc B in Chemistry	RSC fully-accredited degrees
	MChem Chemistry (F103)	4 years, full time 4 years, inc placement and study abroad		IB: 32 inc 5 in HL Chemistry	
Swansea	BSc Chemistry (F100)	3 years, full time 4 years, inc placement and study abroad	22,250	A Level: ABB-BCC inc Chemistry	RSC fully-accredited degrees
	MChem Chemistry (F123)	4 years, full time		IB: 32 inc 5 in HL Chemistry and Maths	
UCL	BSc Chemistry (F100)	3 years, full time	39,800	A Level: AAA inc Chemistry and one of Biology, Physics or Mathematics required.	RSC fully-accredited degrees Other options: BSc/MSci Chemistry with Mathematics BSc/MSci Chemistry with Management Studies
	MSci Chemistry (F101)	4 years, full time		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.	

SECTION 2: APPLYING FOR CHEMISTRY

Name of University	Course Title & UCAS Code	Course Duration	Tuition fees (£) per academic year (2025)	Entry Requirements	Remarks
Warwick	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 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: BSc/MChem Chemistry with Medicinal Chemistry
York	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 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: BSc/MChem Chemistry, Green Principles & Sustainable Processes BSc/MChem Chemistry, Biological & Medicinal Chemistry 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.



03



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:

1

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.

3

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.



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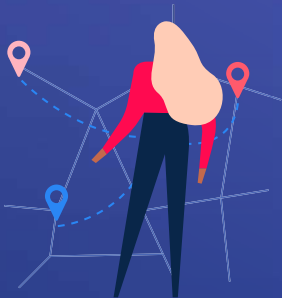
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