Today’s chemistry is about how ATOMS and MOLECULES behave. Modern atomic theory began with the work of JOHN DALTON in Manchester.

Dalton was one of a group of scientists and manufacturers who established the Manchester Mechanics’ Institute in April 1824. This was the origin of what became known as UMIST, a forerunner of today’s University of Manchester.

The power of an atom to combine with other atoms is called VALENCY. The idea of valency was developed in Manchester in 1852 by EDWARD FRANKLAND. Frankland was the first Professor of Chemistry at Owens College. The college later became the Victoria University of Manchester, which combined with UMIST to form today’s University.

Manchester continues to be at the cutting-edge of chemistry. Research in Manchester is finding ways to create ever more complex molecular structures, is exploring the behaviour of matter in the finest detail, and is seeking to use chemistry to provide a healthy, sustainable future for us all.
Welcome message from the Head of School

Welcome to the School of Chemistry. I hope you will enjoy finding out more about our undergraduate courses, our outstanding facilities, our superb students and staff and the amazing career opportunities a degree from The University of Manchester provides. In this School we offer both BSc and MChem degrees, with multiple course options including courses with Industrial Experience and with International Study. We believe we have courses that will suit everyone who is excited by chemistry.

We are a friendly, enthusiastic and welcoming community of students and staff who come from all over the world to work and study in Manchester. Our laboratory facilities are incredible, with huge and regular investment in state-of-the-art equipment which provides training in techniques that will be valuable in future careers. You will work with world-leading academic staff who will deliver inspirational teaching, moving towards education at the cutting-edge of chemical research in the final years of your degree. We have many student societies, clubs, sports teams and an award-winning Peer Assisted Study Support (PASS) scheme which is run by our current students to support you in your academic studies and to help you settle into this great city.

Modern chemistry started in Manchester with John Dalton’s atomic theory. I look forward to receiving your application to study here, and to welcoming you to our School so you can become part of the future of chemistry.
We aim to make your transition from secondary school or college to higher education as smooth as possible. From the start, our courses help you to take charge of your own learning, so that you will become a more independent, confident student.

Our first semester has a lighter lecturing load allowing us to introduce you to methods of learning that might be new to you, such as computer-aided learning and group-working. We will also use staff-supervised workshops and computer-aided learning material to cover topics where the underlying concepts are simple and where practice is the best learning method. You will have covered many of these topics already, and our workshops will revise this material, bringing all students to the same level of skill and practice.

You will build up a Chemists’ Toolkit, which covers spectroscopic interpretation, principles of analytical science, library skills, scientific writing and presentations.

Much of this will involve group-working tasks, such as researching the literature in a current area of chemistry. Chemistry is a physical science, so we will also build up your quantitative skills in mathematical manipulation and data analysis pertinent to chemistry. This makes use of extensive e-learning, online testing and example classes; this allows you to work at your own pace using our own computer cluster.

Seven hours per week are dedicated to laboratory classes, where you will be taught the basic skills required for practical chemistry. You can view example timetables for all years via http://man.ac.uk/I1jChG

All first-year undergraduates are given a free introductory Chemistry textbook (Chemical Structure and Reactivity: An Integrated Approach) a laboratory coat and a molecular model kit.

There is a lot of flexibility and choice within our programmes - please see our website for more details on transferring between courses. http://man.ac.uk/Z5bC4N

Teaching and learning

Facts

• 92% student satisfaction in the National Student Survey 2016
• 83% of our recent graduates went on to graduate-level jobs or further study within six months of graduation
• Placed in the top four universities in the UK in the 2016 QS World University Rankings for Chemistry
• One of Britain’s largest schools of Chemistry, with top ratings for both teaching and research
• Proud history since 1824, with seven chemistry Nobel prize winners

We have excellent external links with industry that inform and improve our undergraduate courses.

Our internationally renowned research covers the full spectrum of chemistry, ensuring what we teach is based on the latest knowledge.

A degree in chemistry is an excellent stepping-stone to a great variety of opportunities.

Chemistry—the central science

Chemistry can justly claim to be the foundation science of modern civilisation. It is chemists who design and synthesise the medicines that tackle disease and who create the materials that feature in every modern device. Modern chemistry takes you into all areas of science: from physics to biology, mathematics and materials science. Whether looking at fundamental reactions in living cells, the processes occurring in interstellar space, nanotechnology and quantum dots, or DNA and the human genome—chemistry is at the heart of it. Both in the laboratory and computationally, chemists probe the fundamental processes happening at the molecular level. Chemists’ ability to manipulate atoms and molecules into complex shapes gives chemistry an artistic aspect almost unique among the sciences.

Teaching and learning

We aim to make your transition from secondary school or college to higher education as smooth as possible. From the start, our courses help you to take charge of your own learning, so that you will become a more independent, confident student.

Our first semester has a lighter lecturing load allowing us to introduce you to methods of learning that might be new to you, such as computer-aided learning and group-working. We will also use staff-supervised workshops and computer-aided learning material to cover topics where the underlying concepts are simple and where practice is the best learning method. You will have covered many of these topics already, and our workshops will revise this material, bringing all students to the same level of skill and practice.

You will build up a Chemists’ Toolkit, which covers spectroscopic interpretation, principles of analytical science, library skills, scientific writing and presentations.

Much of this will involve group-working tasks, such as researching the literature in a current area of chemistry. Chemistry is a physical science, so we will also build up your quantitative skills in mathematical manipulation and data analysis pertinent to chemistry. This makes use of extensive e-learning, online testing and example classes; this allows you to work at your own pace using our own computer cluster.

Seven hours per week are dedicated to laboratory classes, where you will be taught the basic skills required for practical chemistry. You can view example timetables for all years via http://man.ac.uk/I1jChG

All first-year undergraduates are given a free introductory Chemistry textbook (Chemical Structure and Reactivity: An Integrated Approach) a laboratory coat and a molecular model kit.

There is a lot of flexibility and choice within our programmes - please see our website for more details on transferring between courses. http://man.ac.uk/Z5bC4N

Teaching and learning

Facts

• 92% student satisfaction in the National Student Survey 2016
• 83% of our recent graduates went on to graduate-level jobs or further study within six months of graduation
• Placed in the top four universities in the UK in the 2016 QS World University Rankings for Chemistry
• One of Britain’s largest schools of Chemistry, with top ratings for both teaching and research
• Proud history since 1824, with seven chemistry Nobel prize winners

We have excellent external links with industry that inform and improve our undergraduate courses.

Our internationally renowned research covers the full spectrum of chemistry, ensuring what we teach is based on the latest knowledge.

A degree in chemistry is an excellent stepping-stone to a great variety of opportunities.

Chemistry—the central science

Chemistry can justly claim to be the foundation science of modern civilisation. It is chemists who design and synthesise the medicines that tackle disease and who create the materials that feature in every modern device. Modern chemistry takes you into all areas of science: from physics to biology, mathematics and materials science. Whether looking at fundamental reactions in living cells, the processes occurring in interstellar space, nanotechnology and quantum dots, or DNA and the human genome—chemistry is at the heart of it. Both in the laboratory and computationally, chemists probe the fundamental processes happening at the molecular level. Chemists’ ability to manipulate atoms and molecules into complex shapes gives chemistry an artistic aspect almost unique among the sciences.
Accreditation
Whether you stay on at the University or not, our graduates are eligible for membership of The Royal Society of Chemistry (RSC)—the professional society for chemists in Britain. At BSc level, bachelor accreditation gives you access to qualified membership of the RSC, and forms the basis for satisfying the academic requirements for achieving Chartered Chemist (CChem) through further study or continued professional development. Graduation at the MChem level with First or Second Class Honours provides you with access to qualified membership of the RSC, and fully satisfies the academic requirements for award of Chartered Chemist (CChem) status.

Facilities
To help you make the most of your time at the University, we have available for our students:

- Dedicated computer clusters, used as an integral part of teaching
- £14.1 million teaching laboratories
- Regular small-group teaching in tutorials
- State-of-the-art synthetic labs for project work
- Electronic online access to scientific journals for study and project work
- Dedicated NMR spectrometer for exclusive use by undergraduates.
- A suite of dedicated analytical instrumentation.

Support
We take excellent care of our students and assign several tutors to oversee the process. As well as the Director of Undergraduate Studies in overall charge, all students have three academic tutors in Physical, Inorganic and Organic Chemistry. You will also have your own personal tutor to oversee your personal welfare throughout the duration of your programme; each member of staff has a small number of personal tutees per year. In addition to this, the School has a dedicated Student Support Officer who is available to support and help students with any issues or concerns they may have. The University also has a Student Support team to help with anything from academic advice to timetabling and project submission enquiries. The University is also committed to providing equality of opportunity through the best possible level of support to students with disabilities.

What our students say

I chose to study at Manchester because of the style in which the course is taught; there are a lot of contact hours and extra help is easily available through the PASS scheme and tutors.

Lucy Roberts

There is so much help available and the tutors are fantastic. I’m so glad I chose to study Chemistry at The University of Manchester.

Matthew Elvidge

I’ve had amazing opportunities, including the chance to learn from a chemist who worked for AstraZeneca enabling me to be taught relevant material at the forefront of the field.

Rebekah Saint

Chemistry at Manchester is brilliant, the lectures are so inspiring.

Bethany Rodd

PASS was a massive help with my first year studies.

A recent PASS student
Funding

As one of the country’s leading centres of research and learning, our University is committed to attracting and supporting the very best students. If you have the talent and ability, we want to make sure that you have the opportunity to study here regardless of your financial circumstances. Approximately a third of all our students will receive bursaries of up to £2,500 per year and many will be offered even more generous support.

The School has a range of scholarships available—for further details visit: [http://man.ac.uk/w0EaY](http://man.ac.uk/w0EaY)

They have some of the best teaching staff and facilities you could wish for. Apply! You won’t regret it.

Peter Davies

---

Careers

The employability of our graduates is outstanding, because they are skilled in scientific methodology and are highly numerate, versatile and creative. Around half get a first job directly using their chemical knowledge, 25% go on to a further degree, and the remaining 25% opt for diverse careers in areas such as finance, management, computing and IT. International career prospects are excellent as the British chemical and pharmaceutical industry—one of the UK’s major export earners and manufacturing sectors—continues to grow.

Recent graduates have secured positions with companies such as Johnson Matthey, AkzoNobel and Deloitte, in roles such as lead chemical analyst, research scientist and management consultant.

We work closely with the University’s Careers Service to help you gain further skills to complement your degree, and to explore the job market. This includes having a dedicated Careers Consultant, giving our students regular opportunities for one-to-one careers guidance and applications advice, as well as timetabled skills-boosting careers workshops. Our students also have many opportunities to meet and learn from industry experts. The School offers students opportunities across each semester to meet with employers at panel and networking events, whilst our Manchester Gold Mentoring programme allows students to be paired with an industry professional for a period of six months. During this time students can set objectives such as developing their skills or getting an insight into different roles within a sector. Our Industrial Experience course also presents a fantastic opportunity for students to gain hands-on experience of working in industry, with the School having strong links with over 60 of the major chemicals companies in the UK.

If you are looking for a university with a world-class reputation for teaching and research, which is better respected by employers than any other, come and visit us to see that Manchester is the right choice for you.
Our courses

<table>
<thead>
<tr>
<th>Degree Variants</th>
<th>UCAS Code</th>
<th>Duration</th>
</tr>
</thead>
<tbody>
<tr>
<td>BSc Chemistry</td>
<td>F100</td>
<td>3 years</td>
</tr>
<tr>
<td>BSc Chemistry with Medicinal Chemistry</td>
<td>F150</td>
<td>3 years</td>
</tr>
<tr>
<td>MChem Chemistry</td>
<td>F109</td>
<td>4 years</td>
</tr>
<tr>
<td>MChem Chemistry with Industrial Experience</td>
<td>F101</td>
<td>4 years</td>
</tr>
<tr>
<td>MChem Chemistry with Medicinal Chemistry</td>
<td>F152</td>
<td>4 years</td>
</tr>
<tr>
<td>MChem Chemistry with International Study</td>
<td>F104</td>
<td>4 years</td>
</tr>
</tbody>
</table>

Example course units for Year 1

<table>
<thead>
<tr>
<th>Semester one</th>
<th>Semester 2</th>
</tr>
</thead>
<tbody>
<tr>
<td>Core units</td>
<td>Core units</td>
</tr>
<tr>
<td>Introductory Chemistry</td>
<td>Energy and Change</td>
</tr>
<tr>
<td>Chemists’ Toolkit 1</td>
<td>Coordination Chemistry</td>
</tr>
<tr>
<td>Practical Chemistry (continues through both semesters)</td>
<td>Reactivity and Mechanism</td>
</tr>
<tr>
<td>Fundamentals of Biochemistry</td>
<td>Fundamentals of Finance</td>
</tr>
<tr>
<td>Fundamentals of Management</td>
<td>Introduction to Planetary Science</td>
</tr>
<tr>
<td>Environmental Processes &amp; Change</td>
<td>Dynamic Earth</td>
</tr>
<tr>
<td>Mathematics 1</td>
<td>Mathematics 2</td>
</tr>
<tr>
<td>Reactivity and Mechanism</td>
<td>Introductory Astronomy &amp; Cosmology</td>
</tr>
<tr>
<td>Science, the Media and the Public</td>
<td>Enterprise and Innovation for Scientists</td>
</tr>
<tr>
<td>Various language course units</td>
<td>Properties of Medicines</td>
</tr>
<tr>
<td>Various language course units</td>
<td>An Introduction to Current Topics in Biology</td>
</tr>
<tr>
<td>Various language course units</td>
<td>Physics and the grand challenges of Today</td>
</tr>
<tr>
<td>Various language course units</td>
<td>The Information Age</td>
</tr>
</tbody>
</table>
Chemistry with Medicinal Chemistry (MChem and BSc)

Medicinal chemists contribute to the design, discovery and development of new drugs, to finding out what happens to drugs in the body and to modifying drugs to make them more effective. Perhaps more than in any other area, medicinal chemists are able to make an impact on the lives of the wider community. Our Chemistry with Medicinal Chemistry courses are designed to provide students with a comprehensive understanding of all core aspects of chemistry as well as a substantial grounding in the underlying principles and practice of modern medicinal chemistry. The BSc and MChem courses have identical medicinal chemistry content in the first three years with the 4 year students taking a specialised unit in advanced design and application of medicines in the final year.

Degree variants

Chemistry (MChem, BSc)

Our degrees in Chemistry are offered as both three-year (BSc) and four-year (MChem) courses, and follow a flexible common pathway during the first two years, which allows transfer between the two streams up until the end of year two. The Master’s (MChem) course is particularly suited to students who wish to become chemistry professionals in the future, while the bachelor’s (BSc) course offers an excellent training based on scientific and quantitative skills, and can serve as the basis for a wide range of careers.

In each of the first three years there are core lecture modules plus a variety of options. These are supplemented by practical training in modern teaching laboratories which are very well equipped with instrumentation, and by development of transferable skills involving analytical and numerical problem solving, presentation of scientific information, and group working. In the final (fourth) year of the MChem course, the lectures consist entirely of optional modules, allowing students to tailor this advanced year to their own interests, and the lectures are enhanced by a year-long research project.

Chemistry with International Study (MChem)

This Honours degree gives you the opportunity to spend year 3 studying chemistry in a European university under the ERASMUS programme (France, Germany, Spain or Italy) or further afield (currently this includes USA, Canada, Australia, Hong Kong, Singapore). During your stay abroad the programme director and International Programmes Office will be in e-mail contact with you to provide help and support when necessary. Assessment for International Study can involve written examinations, oral examinations, coursework, laboratory practicals and research projects depending on your chosen host institution. You will be guided in your selection of courses by the programme director to ensure that the total chemistry content will be at least equivalent to that of our existing courses so that the requirements for professional recognition by the RSC of the MChem degree are fulfilled. The programme is selective and your eligibility for continuation on this MChem course is assessed at the end of each year and is at the discretion of the School. The assessment is based on your general performance, formal interview in your second year and end-of-year marks in both the first and second years. Students headed to Europe must have demonstrated a proficiency in the language of the host university (minimum grade A at GCSE level at entry) and are required to attend a Language Experience for All Programme (LEAP) in Manchester during their first and second years.

Chemistry with Industrial Experience (MChem)

Students on this course spend a generously paid 12 month ‘sandwich’ year in industry after their first two years of academic work. Sandwich students find significant advantages in the job market, where employers value their skills, experience and initiative. At least 70 companies, including most of the major chemical companies in the UK, employ our sandwich students.

Degree variants

Chemistry (MChem, BSc)

Our degrees in Chemistry are offered as both three-year (BSc) and four-year (MChem) courses, and follow a flexible common pathway during the first two years, which allows transfer between the two streams up until the end of year two. The Master’s (MChem) course is particularly suited to students who wish to become chemistry professionals in the future, while the bachelor’s (BSc) course offers an excellent training based on scientific and quantitative skills, and can serve as the basis for a wide range of careers.

In each of the first three years there are core lecture modules plus a variety of options. These are supplemented by practical training in modern teaching laboratories which are very well equipped with instrumentation, and by development of transferable skills involving analytical and numerical problem solving, presentation of scientific information, and group working. In the final (fourth) year of the MChem course, the lectures consist entirely of optional modules, allowing students to tailor this advanced year to their own interests, and the lectures are enhanced by a year-long research project.

Chemistry with International Study (MChem)

This Honours degree gives you the opportunity to spend year 3 studying chemistry in a European university under the ERASMUS programme (France, Germany, Spain or Italy) or further afield (currently this includes USA, Canada, Australia, Hong Kong, Singapore). During your stay abroad the programme director and International Programmes Office will be in e-mail contact with you to provide help and support when necessary. Assessment for International Study can involve written examinations, oral examinations, coursework, laboratory practicals and research projects depending on your chosen host institution. You will be guided in your selection of courses by the programme director to ensure that the total chemistry content will be at least equivalent to that of our existing courses so that the requirements for professional recognition by the RSC of the MChem degree are fulfilled. The programme is selective and your eligibility for continuation on this MChem course is assessed at the end of each year and is at the discretion of the School. The assessment is based on your general performance, formal interview in your second year and end-of-year marks in both the first and second years. Students headed to Europe must have demonstrated a proficiency in the language of the host university (minimum grade A at GCSE level at entry) and are required to attend a Language Experience for All Programme (LEAP) in Manchester during their first and second years.

Chemistry with Industrial Experience (MChem)

Students on this course spend a generously paid 12 month ‘sandwich’ year in industry after their first two years of academic work. Sandwich students find significant advantages in the job market, where employers value their skills, experience and initiative. At least 70 companies, including most of the major chemical companies in the UK, employ our sandwich students.

Degree variants

Chemistry (MChem, BSc)

Our degrees in Chemistry are offered as both three-year (BSc) and four-year (MChem) courses, and follow a flexible common pathway during the first two years, which allows transfer between the two streams up until the end of year two. The Master’s (MChem) course is particularly suited to students who wish to become chemistry professionals in the future, while the bachelor’s (BSc) course offers an excellent training based on scientific and quantitative skills, and can serve as the basis for a wide range of careers.

In each of the first three years there are core lecture modules plus a variety of options. These are supplemented by practical training in modern teaching laboratories which are very well equipped with instrumentation, and by development of transferable skills involving analytical and numerical problem solving, presentation of scientific information, and group working. In the final (fourth) year of the MChem course, the lectures consist entirely of optional modules, allowing students to tailor this advanced year to their own interests, and the lectures are enhanced by a year-long research project.

Chemistry with International Study (MChem)

This Honours degree gives you the opportunity to spend year 3 studying chemistry in a European university under the ERASMUS programme (France, Germany, Spain or Italy) or further afield (currently this includes USA, Canada, Australia, Hong Kong, Singapore). During your stay abroad the programme director and International Programmes Office will be in e-mail contact with you to provide help and support when necessary. Assessment for International Study can involve written examinations, oral examinations, coursework, laboratory practicals and research projects depending on your chosen host institution. You will be guided in your selection of courses by the programme director to ensure that the total chemistry content will be at least equivalent to that of our existing courses so that the requirements for professional recognition by the RSC of the MChem degree are fulfilled. The programme is selective and your eligibility for continuation on this MChem course is assessed at the end of each year and is at the discretion of the School. The assessment is based on your general performance, formal interview in your second year and end-of-year marks in both the first and second years. Students headed to Europe must have demonstrated a proficiency in the language of the host university (minimum grade A at GCSE level at entry) and are required to attend a Language Experience for All Programme (LEAP) in Manchester during their first and second years.

Chemistry with Industrial Experience (MChem)

Students on this course spend a generously paid 12 month ‘sandwich’ year in industry after their first two years of academic work. Sandwich students find significant advantages in the job market, where employers value their skills, experience and initiative. At least 70 companies, including most of the major chemical companies in the UK, employ our sandwich students.

Degree variants

Chemistry (MChem, BSc)

Our degrees in Chemistry are offered as both three-year (BSc) and four-year (MChem) courses, and follow a flexible common pathway during the first two years, which allows transfer between the two streams up until the end of year two. The Master’s (MChem) course is particularly suited to students who wish to become chemistry professionals in the future, while the bachelor’s (BSc) course offers an excellent training based on scientific and quantitative skills, and can serve as the basis for a wide range of careers.

In each of the first three years there are core lecture modules plus a variety of options. These are supplemented by practical training in modern teaching laboratories which are very well equipped with instrumentation, and by development of transferable skills involving analytical and numerical problem solving, presentation of scientific information, and group working. In the final (fourth) year of the MChem course, the lectures consist entirely of optional modules, allowing students to tailor this advanced year to their own interests, and the lectures are enhanced by a year-long research project.

Chemistry with International Study (MChem)

This Honours degree gives you the opportunity to spend year 3 studying chemistry in a European university under the ERASMUS programme (France, Germany, Spain or Italy) or further afield (currently this includes USA, Canada, Australia, Hong Kong, Singapore). During your stay abroad the programme director and International Programmes Office will be in e-mail contact with you to provide help and support when necessary. Assessment for International Study can involve written examinations, oral examinations, coursework, laboratory practicals and research projects depending on your chosen host institution. You will be guided in your selection of courses by the programme director to ensure that the total chemistry content will be at least equivalent to that of our existing courses so that the requirements for professional recognition by the RSC of the MChem degree are fulfilled. The programme is selective and your eligibility for continuation on this MChem course is assessed at the end of each year and is at the discretion of the School. The assessment is based on your general performance, formal interview in your second year and end-of-year marks in both the first and second years. Students headed to Europe must have demonstrated a proficiency in the language of the host university (minimum grade A at GCSE level at entry) and are required to attend a Language Experience for All Programme (LEAP) in Manchester during their first and second years.

Chemistry with Industrial Experience (MChem)

Students on this course spend a generously paid 12 month ‘sandwich’ year in industry after their first two years of academic work. Sandwich students find significant advantages in the job market, where employers value their skills, experience and initiative. At least 70 companies, including most of the major chemical companies in the UK, employ our sandwich students.
### Entry requirements

#### BSc Programmes

<table>
<thead>
<tr>
<th>Qualification</th>
<th>Requirements</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>GCE A Level</strong></td>
<td>AAB in any order including chemistry and one other science or mathematics. There is a requirement to pass the practical assessment in the newly reformed science A Levels.</td>
</tr>
<tr>
<td><strong>International Baccalaureate</strong></td>
<td>35 points overall with grades of 6,6,5 in 3 Higher Level subjects to include chemistry and one other science or mathematics. If English is not offered as one of the Diploma subjects (SL or HL) then a score of 6.0 at IELTS (or an equivalent approved qualification) must be offered.</td>
</tr>
<tr>
<td><strong>Pearson BTEC National Extended Diploma</strong></td>
<td>We only accept the Pearson BTEC Level 3 Qualifications in Applied Science. Entry requirements are based on achievement of the full National Extended Diploma with grades DDM.</td>
</tr>
<tr>
<td><strong>Welsh Baccalaureate</strong></td>
<td>Grade A or B in the Welsh Baccalaureate Advanced Core in combination with 2 A-Levels to equate to overall A Level grades of AAB. The A Levels must be in chemistry and one other science or mathematics.</td>
</tr>
<tr>
<td><strong>Scottish Advanced Higher/Scottish Higher</strong></td>
<td>Three Advanced Highers AAB in chemistry and one other science or mathematics. Alternatively, two Advanced Highers at grades AA, and two Highers at grades BB. This must include chemistry and one other science or mathematics at Advanced Higher.</td>
</tr>
<tr>
<td><strong>Irish Leaving Certificate</strong></td>
<td>H1, H1, H1, H2 in Irish Leaving Certificate including H1 in chemistry and in one other science or mathematics.</td>
</tr>
</tbody>
</table>

#### MChem Programmes

<table>
<thead>
<tr>
<th>Qualification</th>
<th>Requirements</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>AAA including chemistry and one other science or mathematics.</strong></td>
<td>There is a requirement to pass the practical assessment in the newly reformed science A Levels.</td>
</tr>
<tr>
<td><strong>36 points overall with grade 6 in 3 Higher Level subjects to include chemistry and one other science or mathematics. If English is not offered as one of the Diploma subjects (SL or HL) then a score of 6.0 at IELTS (or an equivalent approved qualification) must be offered.</strong></td>
<td>We only accept the Pearson BTEC Level 3 Qualifications in Applied Science. Entry requirements are based on achievement of the full National Extended Diploma with grades DDD.</td>
</tr>
<tr>
<td><strong>Grade A in the Welsh Baccalaureate Advanced Core in combination with 2 A-Levels to equate to overall A Level grades of AAB. The A Levels must be in chemistry and one other science or mathematics.</strong></td>
<td>Three Advanced Highers AAA in chemistry and one other science or mathematics. Alternatively, two Advanced Highers at grades AA, and two Highers at grades BB. This must include chemistry and one other science or mathematics at Advanced Higher.</td>
</tr>
<tr>
<td><strong>H1 H1 H1 H2 in Irish Leaving Certificate including H1 in chemistry and in one other science or mathematics.</strong></td>
<td>H1 H1 H1 H1 in Irish Leaving Certificate to include chemistry and one other science or mathematics.</td>
</tr>
</tbody>
</table>

If you miss the MChem grades (AAA), but meet the BSc grades (AAB), you will automatically be offered a place for BSc Chemistry. For full details of our entry requirements, visit: [http://man.ac.uk/AN3GPf](http://man.ac.uk/AN3GPf)
ChemSoc

ChemSoc is a student-run society with the aim of giving our chemistry students the complete experience whilst at UoM. Our year begins with our infamous lab coat pub crawl and concludes with a fantastic annual ball! In-between we host socials alongside other societies allowing your inner passion for your subject to come out and show everyone that chemistry is the best subject. We also have two successful sports teams, hockey and netball, these comprise 1st years right through to PhD students so you’ll be able to meet lots of new faces! Besides the social side we have reinvented our academic aspects; ChemSoc is proud to host research talks featuring our high level of research from Manchester. As well as providing advice about research from Manchester.

SSLC

Staff-Student Liaison Committee

We encourage our students to work with us to improve the quality of our teaching and degree programmes. Each year group votes for two student representatives, who are responsible for bringing forward student issues to our Staff-Student Liaison Committee. We also encourage regular feedback through our teaching surveys, and all students are encouraged to put forward comments and suggestions to their personal or course tutors, programme directors or other teaching staff. Being a student representative is a great way to get to know other students on your course, as well as gaining experience which looks great on a CV. Reps are supported through our Student Experience Officer and Students’ Union.

PASS

Peer Assisted Study Scheme

We are proud of our innovative PASS (Peer-Assisted Study Sessions) scheme. The PASS scheme has one voluntary session each week that provides additional support in the area of that week’s tutorial. In the session, third and fourth-year students help first-years to tackle problems similar to those in the tutorial. The emphasis is on showing you how to think about the problems and develop problem solving skills, and how to get the most from our educational resources. Students who attend PASS tend to get better exam results.

Sports

The University of Manchester provides all students with the opportunity to take part in a huge range of sports, and Chemistry in particular has a number of sports teams including netball and hockey.
This leaflet was printed on June 2017 for the purposes of the 2018 intake. It has therefore been printed in advance of course starting dates. For this reason, information contained within this publication for example about campus life, may be amended prior to you applying for a place on a course of study. Course entry requirements are listed for the purposes of the 2018 intake only.

Prospective students are reminded that they are responsible for ensuring, prior to applying for a course of study at The University of Manchester, that they review up-to-date course information, including checking entry requirements. Visit: www.manchester.ac.uk/study/undergraduate/courses and searching for the relevant course.

Further information describing the teaching, examination, assessment and other educational services offered by The University of Manchester is available from: www.manchester.ac.uk/study/undergraduate