Engineering or science with an integrated foundation year
Internationally renowned research ensures cutting-edge science and engineering courses. 4 million books in one of the UK’s best university libraries and best careers service in the UK.

The facts

Guaranteed entry onto a Manchester physical science or engineering degree, provided the appropriate progression criteria are met.

Guaranteed accommodation for all Foundation Year students (subject to University regulations).

Internationally renowned research ensures cutting-edge science and engineering courses.

Distinguished history in engineering dating back to 1824.

4 million books in one of the UK’s best university libraries and best careers service in the UK.
Manchester is a place for individuals, brilliant kids who like to do their own thing... and if you are ready it will release you to do the same...

The Virgin Guide to British Universities

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Our University
Making things happen

Influential, forward-thinking and down-to-earth, we’ll give you an amazing university experience rooted in a rich academic heritage. We turn enthusiasm into achievement and ground-breaking theory into innovative practice.

We accomplish feats of global significance, from splitting the atom, to giving the world graphene – the two-dimensional wonder material that is one atom thick, but 200 times stronger than steel.

With more Nobel laureates on our staff than any other UK university, and strong links to industry and public services, we vitalise our undergraduate courses with pioneering research.

Learn more about us: www.manchester.ac.uk

Our city
Always moving forward

Manchester lives on the edge of tomorrow, ever a step ahead in science, industry, media, sport and the arts. The Mancunian character—exemplified by the city’s central role in the industrial revolution—strives for excellence and originality in all walks of life.

This is a city of many accents, having become a cosmopolitan magnet for students and professionals eager to experience its can-do attitude, independent spirit and cultural wealth. Never content to live on past glories, Manchester has a passion for progress. Join us at the heart of Britain’s most popular student city.

Discover what makes Manchester unique: www.manchester.ac.uk/cityofmanchester
Your experience

More than just a degree

With resources from the hi-tech 24/7 learning environment of our Alan Gilbert Learning Commons, to the countless personal development opportunities and specialist support services we offer, we will empower you to be your best.

Outstanding sport facilities, nearly 300 student societies, supported community volunteering, study abroad pathways, career development programmes, mentoring and much more all enable you to grow and develop outside of the lecture hall, giving you a well-rounded university experience that prepares you for life after graduation.

The only thing you won’t experience is boredom.

Hear from some of our students:
www.manchester.ac.uk/ug/profiles

Your career

On a course to success

We are consistently one of the UK’s most targeted universities by employers, thanks to courses and careers services designed with your employability in mind.

Our problem-based approach to learning inspires you to think critically, creatively and independently. Volunteering, personal development programmes and interdisciplinary learning could also give you a broader perspective and shape the socially responsible leaders of tomorrow.

We have the UK’s best careers service, providing a wealth of advice and skills-development opportunities, and connecting you with employers to put you on a path to career success.

Take control of your career:
www.manchester.ac.uk/careers
Study at Manchester
Are you interested in a career in engineering, or one of the physical sciences, but do not have the appropriate qualifications for first year entry?

Engineering or Science with an Integrated Foundation Year could be for you!

The Foundation Year course

Engineering or Science with an Integrated Foundation Year is specifically designed for people who don’t have the appropriate entry qualifications.

Engineering or Science with an Integrated Foundation Year is part of an integrated four- or five-year course of study leading to a degree of The University of Manchester in Engineering or Physical Science. It has been designed, and is delivered by, academic staff at the University to prepare you for degree-level study in a range of engineering and physical science disciplines and associated subjects.

Why Manchester?

• Teaching carried out on the University campus by University staff with considerable experience of delivering a curriculum designed for a foundation year purpose
• Courses designed to maximise your achievement and fully prepare you for degree study in engineering or physical science
• A long, distinguished history in engineering and physical science education and research

The course is delivered on campus at the University. Our students come from a wide range of backgrounds and nationalities, so you’ll find that there is an excellent mix of cultures.
After the Foundation Year

Provided the progression criteria are met, Engineering with an Integrated Foundation Year guarantees progression onto the first year of an appropriate degree course chosen from:

- Aerospace Engineering
- Chemical Engineering
- Civil Engineering
- Electrical and Electronic Engineering
- Materials Science and Engineering
- Mechanical Engineering

Provided the progression criteria are met, Science with an Integrated Foundation Year guarantees progression onto the first year of an appropriate degree course chosen from:

- Chemistry
- Computer Science
- Earth Sciences
- Environmental Science/Studies
- Mathematics
- Physics and Astronomy
- Textiles Science and Technology

You can find out more about these subject areas in the relevant pages of our prospectus, or on our website. You may discuss the different courses, or your suitability for them, with the Foundation Studies Office, or the relevant admissions tutor. Further advice will also be given during the Foundation Year.

What you study

Like all our courses, the Foundation Year is credit rated, consisting of a total of 120 credits, 60 credits in semester one (15 weeks) and 60 credits in semester two (15 weeks).

You study a variety of course units appropriate to your chosen degree course. These include:

- Mathematics, Physics, Chemistry (if appropriate), Information and Communications Technology, replace by Academic Skills and a project in the appropriate discipline.

There is also the opportunity for you to develop important skills, such as how best to study, time management, team working and problem solving.

Overseas students will have the opportunity to undertake English language classes during the Foundation Year in order to achieve the Faculty requirement for first-year entry of IELTS 6.0 or 6.5, depending on the chosen progression route.

How you learn

As a Foundation Year student, you learn by lectures, small-group tutorials and seminars.

In addition to the academic part of the course, you are supported by the Student Support Officer who is available throughout the Semesters. Both offer an "Open Door" policy which means students can just pop in for a chat.

Where you study

The Foundation Year course is delivered on The University of Manchester campus by university staff who have considerable experience in teaching science and engineering undergraduates. As such, Foundation Year students experience life at the University the same as any other undergraduate.

The University provides excellent facilities for all its students. Students undertaking the Foundation Year also have a dedicated Common Room, which includes a study area and IT facilities. This is close to the administrative centre for the Foundation Year courses, so support and guidance is readily available.
Engineering with an Integrated Foundation Year/Science with an Integrated Foundation Year

Delivered on campus, the course is taught by University staff. Lectures are underpinned by small group tutorials. You carry out project work in your chosen discipline.

How you are assessed
You are assessed by a combination of coursework throughout each semester and time constrained examinations in January and May/June. As long as you are successful in completing the year at the standard required, you will progress automatically to the first year of your chosen discipline within the Faculty of Engineering and Physical Sciences.

What flexibility is there?
While it is helpful to know which area of engineering or physical science you are interested in studying when you apply, this is not essential. Some students can decide which subject area they wish to progress to at a later stage, usually during semester one.

Your career opportunities
Successful completion of either of the Foundation Year courses allows you to progress onto a wide range of degree courses within Engineering and Physical Sciences. Consequently, you have a very wide range of career options open to you on graduation. Graduates with degrees in these disciplines are much in demand by a wide range of employers.

Application and selection process
All applications will be considered on an individual basis. We may be able to make you an unconditional or conditional offer immediately. Interviews are sometimes used, mainly for clarification of an applicant’s background or qualifications.

If you would like to visit us, this can be done as part of the University guided tours, which take place every Wednesday afternoon.
Entry requirements

Engineering or science with an integrated foundation year
Undergraduate brochure 2015
**Entry requirements**

**GCE AS-level acceptability**
Acceptable only in combination with other qualifications

**GCE A-level Double Award**
Acceptable only in combination with other qualifications

**GCE AS-level Double Award acceptability**
Acceptable only in combination with other qualifications

**BTEC National Diploma**
Contact the School for subject details

**Welsh Baccalaureate (inc A-levels)**
Contact the School for details

**Scottish Advanced Highers**
Contact the School for details

**Scottish Highers**
Contact the School for details

**Irish Leaving Certificate**
Contact the School for details

**International Baccalaureate**
Contact the University for further information

**English language requirement**
IELTS 5.5 (minimum of 5.5 in any component)

**Other subjects**
General Studies is welcomed but will NOT form part of the standard offer

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**Engineering with an Integrated Foundation Year 4/5yrs**
UCAS Code H108

**Science with an Integrated Foundation Year 4/5yrs**
UCAS Code F008

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All degree courses in Engineering and Physical Sciences are professionally accredited where appropriate; both Foundation courses are professionally accredited.
Engineering at Manchester
Usmah
Foundation Year student

The extra year has improved my Maths and Physics and also my English. It has given me a lot more confidence that I will now be able to study for my degree.
Find out more online

Accommodation
Discover your new home:
www.manchester.ac.uk/accommodation

Admissions and applications
Everything you need to apply:
www.manchester.ac.uk/ug/howtoapply

Alan Gilbert Learning Commons
Take a look around our 24/7, independent learning space:
www.manchester.ac.uk/library/learningcommons

Careers
Take control of your career:
www.manchester.ac.uk/careers

IT Services
Online learning, computer access, IT support and more:
www.manchester.ac.uk/itservices

Library
We have one of the UK’s largest and best-resourced university libraries:
www.manchester.ac.uk/library

Maps
Find your way around our campus, city and accommodation:
www.manchester.ac.uk/aboutus/travel/maps

Prospectus
Download or order a copy of our prospectus:
www.manchester.ac.uk/study/undergraduate/prospectus

Childcare
Balancing your studies with your caring responsibilities:
www.manchester.ac.uk/childcare

Disability support
Talk to us about any support you need:
www.manchester.ac.uk/dso

Funding and finance
Get to grips with fees, loans, scholarships and more:
www.manchester.ac.uk/studentfinance

Careers
Take control of your career:
www.manchester.ac.uk/careers

International students
Let us help you prepare for your time here:
www.manchester.ac.uk/international

Sport
Get active with our clubs, leagues, classes and facilities:
www.manchester.ac.uk/sport

Support
Let us help with any academic, personal, financial and administrative issues:
my.manchester.ac.uk/guest

Students’ Union
Immerse yourself in societies, events, campaigns and more:
manchesterstudentsunion.com

Videos
Learn more about us on our YouTube channel:
www.youtube.com/user/universitymanchester
Disclaimer

This brochure is prepared well in advance of the academic year to which it relates. Consequently, details of courses may vary with staff changes. The University therefore reserves the right to make such alterations to courses as are found to be necessary. If the University makes an offer of a place, it is essential that you are aware of the current terms on which the offer is based. If you are in any doubt, please feel free to ask for confirmation of the precise position for the year in question, before you accept the offer.

Contact us

For further information about the courses, or about qualifications, please contact:

**The Admissions Co-ordinator**

Faculty of Engineering and Physical Sciences
The University of Manchester
Room C5, Sackville Street Building
Sackville Street
Manchester M13 9PL
United Kingdom

tel +44 (0)161 306 4742
email ug-fy-eps@manchester.ac.uk

For the most up-to-date course information, visit our website:

[www.foundationstudies.eps.manchester.ac.uk](http://www.foundationstudies.eps.manchester.ac.uk)
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