

UK DEGREE APPLICATIONS MADE EASY

MABECS *QuickGuides*



ALL YOU NEED TO KNOW ABOUT

Mechanical Engineering

SPECIALLY CURATED FOR YOU BY



BEFORE WE GO FURTHER...



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Our service is free of charge.

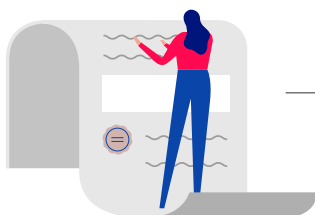


To find out more about MABECS' history and services, turn to the inside back cover.
To reach a MABECS education advisor, call or WhatsApp us at 603-7956 7655
or email enquiries@mabecs.com

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 or Whats App us* at **603-7956 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



GET TO KNOW
MECHANICAL
ENGINEERING

Introduction

This is one of the most wide-ranging engineering disciplines of all, covering almost anything that is made: from a diesel locomotive to a screw. There are several broad specialised areas including Automotive Engineering, Aerospace Engineering, Manufacturing Engineering and Systems Engineering, because if it is made and it moves it is to do with Mechanical Engineering.

This booklet concentrates on degrees entitled Mechanical Engineering, and on other specialist degrees that can be chosen from a Mechanical Engineering start. So it includes some Aerospace, Automotive, Manufacturing and similar degrees as long as the degree can be achieved by initially studying Mechanical Engineering.

All the degrees included have been accredited by the IMechE, the Institute of Mechanical Engineers. However, you are advised to check <http://www.engc.org.uk/education-skills/course-search/acad/> as well as the universities' website for the latest information.

After accreditation, you should consider degree programme structures, work placements, entrance qualifications, degree content, location, cost of fees and living. These will be discussed in the following pages and MABECS counsellors can give you up-to-date information on this.



Course Organisation

There are 3 different structures leading to Mechanical Engineering Degrees.

- Some degrees have an Engineering start.
- Many degrees start with an initial broad Mechanical Engineering programme leading to choices of specialised degrees.
- Some degree programmes have a named single degree from the start.

The broadest approach is that of Aberdeen, Cambridge, Durham, Exeter, Leicester, Oxford, Sussex and Warwick with a first year covering all major branches of engineering, (Civil, Electrical, Electronic, Mechanical, Systems) and then allowing choice, eventually leading even to a specialised degree in a branch of Mechanical Engineering.

The most common structure is the initial Broad Mechanical structure with a first year giving a strong broad base in mechanical aspects of engineering, allowing a wide choice of specialised-named degrees in the second year. Mechanical Engineering being such a wide subject, the specialisations vary according to the university's expertise.

Finally, several universities offer a single degree in Mechanical Engineering, without any specialisation being included in the name of the degree. The degrees are general studies of Mechanical Engineering, but there are choices of modules in the final year giving some specialisation.

You should study the university's programmes carefully, and work out what choices attract you most, but avoid committing yourself to a specialised degree until you know your own skills and interests.

Course Content

Mechanical Engineering is indeed a wide-ranging subject area but there are the usual choices in degree structure between degrees which are initially very wide; and then there are also degrees that do not appear to offer much opportunity for choices as one's understanding and knowledge develop. But even a degree entitled "Mechanical Engineering" with no alternative for change, has a range of final year modules.

University websites have good information about final year modules in Mechanical Engineering. This can give you a good flavour about the expertise and research on specific areas within Mechanical Engineering, offered at the university.

Many universities have an optional sandwich year, meaning that after completing the second year of the course you can spend the next year working in the Mechanical Engineering industry, under university supervision. The university supervision assures you that your work will be appropriate and not just labour. You will gain an insight into the application of the Mechanical Engineering you have studied. Many internationally recognised companies have these work placement programmes. This experience gives focus to your studies, and as a result, sandwich course students generally achieve higher degree grades than those who have not had this experience. Sandwich students also have a clear advantage over others in getting employment after graduation.



02

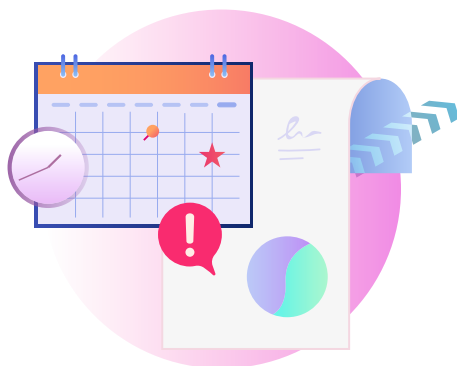


**APPLYING FOR
MECHANICAL
ENGINEERING**

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 to submit a UCAS application is June 30.



Name of University	Course Title & UCAS Code	Course Duration	Tuition fees (£) per academic year 2026	Entry Requirements	Remarks
University of Aberdeen	MEng Mechanical Engineering (H305) MEng Mechanical Engineering with Management (H3N2) MEng Mechanical Engineering with Subsea Technology (H309)	4 5 years (Scottish University)	24,800	A Levels: BBB. Good performance required in Maths and one from Physics or Chem. IB: 34 points with 6,6,6 including Maths and Physics at HL and English at SL.	The first two years cover general Engineering, with elements of Chemical, Mechanical, Petroleum and Electrical/Electronics, as well as Civil. In the later years you specialise, following your chosen discipline in greater depth. You do not need to finalise your choice of specialisation until you begin third year.
Aston University	MEng Mechanical Engineering (H301)	4 years 4 5 years (SW)	22,575	A Levels: BBC including Maths and one other STEM (a) subject IB: 29 points overall with 5, 5, 4 in Higher Level, including Maths and another STEM (a) listed subject.	The flexible structure of our degrees enables transfer between Mechanical and Design Engineering programmes after first year. However, only the Mechanical Engineering programme runs to MEng (masters) level. You can also transfer between full-time and placement programmes up to the end of your second year.
University of Bath	MEng Mechanical Engineering (H306) MEng Aerospace Engineering (H400) MEng Integrated Design Engineering (H761) MEng Mechanical Engineering with Manufacturing and Management (H716) MEng Mechanical Engineering with Automotive Engineering (H330)	4 years 4 5 years (SW)	32,000	A Levels: A*A*A in three A levels including A* in Maths and A in Physics. IB: 36 points overall and 7, 7, 6 in three HL subjects including 6 in Physics and 7 in either HL Maths.	Your first two years give you a detailed understanding of mechanical engineering. You'll learn how to incorporate design into the science, manufacturing and management elements of engineering. You can apply this knowledge to analyse, build and test a product from scratch. A wide selection of optional units lets you choose where you want to specialise in your final year. These include aerospace, automotive, design, manufacturing, environmental or medical engineering. The wide-ranging engineering curriculum develops your professional skills to pursue a career in a host of industries.

SECTION 2: APPLYING FOR MECHANICAL ENGINEERING

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University of Birmingham	MEng Mechanical Engineering (H301)	4 years	30,600	A Levels: AAA to inc Maths. IB: 6,6,6 HL, to include Maths with a minimum of 32 points.	Shared first year across disciplines of Civil, Mechanical and Electronic, Electrical and Systems Engineering allowing students to gain foundations of understanding in all three areas.
	MEng Mechanical and Materials Engineering (HJ53)	5 years (SW)			
	MEng Mechanical Engineering (Automotive) (H330)				
	MEng Mechatronic and Robotic Engineering (HH63)				
University of Bradford	MEng Mechanical Engineering (H305)	4 years 5 years (SW)	16,890	A Levels: BCC, to include A level Maths minimum grade C. IB: 104 UCAS tariff points to include HL Maths at grade 5, plus English A at HL5 or SL5 with no subskills less than 4, or English B at HL5 with no sub skills less than 5 or SL7 with no subskills less than 6.	Final year options include: Risk Assessment & Management Polymer & Materials Engineering Supply Chain Management & Production Vehicle Powertrain & Dynamics Automotive Tribology & Noise Vibration & Harshness
University of Brighton	MEng Mechanical Engineering (H302)	4 years	18,108	A Levels: ABB–BBC (128–112 UCAS Tariff points) to inc Maths and a physical science. IB: 28 points, with three subjects at HL. HL subjects must include Maths & Physics at grade 5.	You will explore fundamental mechanical engineering topics through a shared first year with our automotive and aeronautical engineering courses. In your second year, you will explore various aspects of mechanical engineering such as engineering design, and dynamics and control.
	MEng Aeronautical Engineering (H416)	5 years (S/W)			
	MEng Automotive Engineering (H335)				

Name of University	Course Title & UCAS Code	Course Duration	Tuition fees (£) per academic year 2026	Entry Requirements	Remarks
University of Bristol	MEng Mechanical Engineering (H300) MEng Mechanical and Electrical Engineering (H360)	4 years 5 years (SW)	31,300	A Levels: A*AA incl A*A in Math and any one of Physics, Chem, Further Maths or Computer Science IB: 38 points with 18 at HL, inc 7,6 in any order at HL in Maths and any one of the Phy, Chem, Further Math or Com Sc.	During this course, you will study units from the mechanical and electrical disciplines along the following themes: design and integration of electro-mechanical systems; energy conversion and actuation systems; embedded systems and control; power electronics and electric drives; and energy management.
Brunel University London	MEng Mechanical Engineering (H301) MEng Automotive Engineering (HHH0)	4 years 5 years (SW)	21,795	A-levels: ABB including Maths and the following subjects; Physics, Chem, Bio, Env Sci, Computer Sci, Electronics, or Design and Technology. IB: 31 points, including 5 in HL Maths (Analysis and Approaches) and HL 5 in one of the following subjects: Phy, Chem, Bio, Com Sc, Geo or Design Technology	As with our Mechanical Engineering BEng degree, you'll get a thorough grounding in the core principles of engineering science including solid body mechanics, thermodynamics and materials science as well as in the fundamentals of product design, development and manufacturing. You'll also get training in related disciplines integral to the profession such as computing, electrical engineering and electronics. And, as mechanical engineers not only design exciting products but venture into managing projects and companies, you'll study elements of management, ethics, finance and law.

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Name of University	Course Title & UCAS Code	Course Duration	Tuition fees (£) per academic year 2026	Entry Requirements	Remarks
University of Cambridge	MEng Engineering (H100)	4 years	44,214	A Levels: A*A*A Maths & Physics required. IB: 41-42 points, with 776 at HL	The Cambridge Engineering course is unique. It allows you to keep your options open while equipping you with all the analytical, design and computing skills that underpin modern engineering practice. Part I (Years 1 and 2) provides a broad education in engineering fundamentals, enabling you to make a genuinely informed choice about the area in which to specialise from your third year (many students change direction as a result). Part II (Years 3 and 4) then provides in-depth training in your chosen professional discipline.
Cardiff University	MEng Mechanical Engineering (H302) MEng Medical Engineering (H1BV) MEng Integrated Engineering (H113)	4 years 5 years (SW)	30,700	A Levels: AAA - ABB inc Maths. IB: 36-32 overall or 666-665 in 3 HL subjects. Must include grade 6 in HL Maths.	Teaching is through lectures, examples classes and extensive laboratory, IT and practical work. The taught modules in the first two years are largely compulsory, but options are usually available in years three and four. All students must complete a 30-credit individual project in year three, for which they are allocated a supervisor from among the teaching staff. There are opportunities for interactions with potential employers.

SECTION 2: APPLYING FOR MECHANICAL ENGINEERING

Name of University	Course Title & UCAS Code	Course Duration	Tuition fees (£) per academic year 2026	Entry Requirements	Remarks
City St George's, University of London	MEng Mechanical and Design Engineering (H352)	4 years 5 years (SW)	23,560	A Levels: BBB (inc Maths). IB: 30 points with HL Maths at grade 5 OR SL Maths at grade 7 & HL Physics/Biology/Chemistry at grade 5 and minimum of grade 5 in SL English	
	MEng Aerospace Engineering (H426)				
	MEng Engineering (H102)				
Coventry University	MEng Mechanical Engineering (H300)	4 years 5 years (S/W)	19,850	A Levels: ABB-BBB to inc Maths & one from Physics, Chem, Design Tech, Further Maths, Electronics, Computing, ICT or Engineering. IB: 31 points to inc Maths & either Physics, Chem, Design Tech, or IT at HL.	
	MEng Automotive Engineering (H343)				
	MEng Motorsport Engineering (H335)				
Durham University	MEng Mechanical Engineering (H311)	4 years	34,500	A Levels: A*AA inc Maths & Physics. IB: 37 with 666 in higher level subjects including Mathematics and one STEM subject (Biology, Chemistry or Physics).	The MEng Engineering degree is a four-year first degree that delivers the breadth and depth that you will need in the world of engineering. It is designed to produce graduates who will go on and lead engineering teams. Your first two years offer you a broad-based engineering education. You are then able to specialise in your third and fourth years.
	MEng General Engineering (H100)				

Name of University	Course Title & UCAS Code	Course Duration	Tuition fees (£) per academic year 2026	Entry Requirements	Remarks
University of East London	MEng Mechanical Engineering (Integrated Master's) (H101)	4 years	14,580	A Levels: 112 new UCAS points inc passes at A2 in at least two subjects. Must include Maths & Physics or Electronics. IB: 29 points inc a minimum of 16 points at HL, must include Maths & Physics at HL.	
The University of Edinburgh	MEng Mechanical Engineering (H303) MEng Electrical and Mechanical Engineering (HHH6) MEng Engineering (H100)	5 years (Scottish University)	38,900	2nd year entry: A Levels: A* AA to inc Maths & either Physics, Engineering, or Design & Tech (excluding Food Tech), or AAA to inc Maths, Further Maths & either Physics, Engineering, or Design & Tech (exc Food Tech). IB: 38 points with 666 at HL to inc Maths (from 2021, Maths: Analysis & approaches only) & Physics or Design & Tech 6. 1st year entry: A Levels: AAA - ABB to inc Maths & either Physics, Engineering, or Design & Tech (excluding Food Tech), or AAA to inc Maths, Further Maths & either Physics, Engineering, or Design & Tech (exc Food Tech). IB: 37 points with 666 - 32 points with 555 at HL to inc Maths (from 2021, Maths: Analysis & approaches only) & Physics or Design & Tech 5.	

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Name of University	Course Title & UCAS Code	Course Duration	Tuition fees (£) per academic year 2026	Entry Requirements	Remarks
Edinburgh Napier University	MEng Mechanical Engineering (H301)	5 years (Scottish University)	21,120	2nd year entry: A Levels: ABB including Maths and a Science (excluding Biology) or Technical Subject* 1st year entry: A Levels: BBC including Maths IB: 29 points with 655 at HL subs including a Science (excluding Bio) or Technical Subjects	
University of Exeter	MEng Mechanical Engineering (H302) MEng Engineering (H104)	4 years 5 years (SW)	31,200	A Levels: AAB-ABB,B in Maths, Pure Maths or Further Maths and B in another science subject*. IB: 34/665 with Maths HL6 and another science HL6. Applicants achieving IB Maths SL7 plus IB HL6 in Physics will also be considered.	A collaborative first year lets you explore other core engineering disciplines alongside Mechanical Engineering Assessment Methods: Year 1 Exams 58% Practical 5% Essays and Coursework 37% Year 2 Exams 52% Practical 0% Essays and Coursework 48% Year 3 Exams 24% Practical 4% Essays and Coursework 72% Year 4 Exams 25% Practical 0% Essays and Coursework 75%

Name of University	Course Title & UCAS Code	Course Duration	Tuition fees (£) per academic year 2026	Entry Requirements	Remarks
University of Glasgow	MEng Mechanical Engineering (H302)	5 years (Scottish University)	33,210	A Levels: AAA (A Maths & Physics). IB: 38 points with Maths & Physics -6,6,6 in HL)	
	MEng Aeronautical Engineering (H410)				
	MEng Aerospace Systems (H401)				
	MEng Mechanical Design Engineering (HHJ7)				
	MEng Mechanical Engineering with Aeronautics (H3HK)				
	MEng Mechatronics (H731)				
Glasgow Caledonian University	MEng Mechanical Systems Engineering (H361)	5 years (Scottish University)	15,700	A Levels: BCC inc Maths & Physics plus GCSE English at C4 (year 1 entry). IB: 26 points including Maths plus a Science or Technology subject (year 1 entry).	
	MEng Computer-Aided Mechanical Engineering (H132)				
University of Greenwich	MEng Mechanical Engineering (H304)	4 years	17,975	A Levels: 136 points with 32 points from Maths, a physical science or a numerate subject. IB: HL Maths and Physics at 5 and SL English at 4.	Assessment: Coursework Exams Practical 2%
		5 years (S/W)			

Name of University	Course Title & UCAS Code	Course Duration	Tuition fees (£) per academic year 2026	Entry Requirements	Remarks
Heriot-Watt University	MEng Mechanical Engineering (H301)	5 years (Scottish University)	25,808	Year 2 entry: A Levels: ABB to include Physics and Maths.	Inter-campus transfer between Malaysia & UK possible, for a semester a year or longer.
	MEng Mechanical Engineering and Energy Engineering (HH38)	6 years (S/W)		IB: 34 points. Must inc Maths and Physics, with both achieved at HL 6.	
	MEng Robotics, Autonomous and Interactive Systems (H671)			Year 1 entry: A Levels: BBB (must inc Maths and Physics, with both achieved at B. IB: 30 points must inc Maths and Physics, with both achieved at HL5.	
University of Hertfordshire	MEng Mechanical Engineering (H301)	4 years	17,450	A Levels: ABB- BBB Requires Maths & Physics or Technology or Engineering based subjects.	
	MEng Automotive Engineering (H341)	5 years (S/W)		IB: 120-128 points: Minimum of 3 HL subjects at grade 5 or above to inc HL Maths and Physics	
	MEng Automotive Engineering with Motorsport (H336)				
University of Huddersfield	MEng Mechanical Engineering (H303)	4 years	17,600	A Levels: AAB inc A2 Maths & at least one other Science/Tech subject (or equivalent qualifications).	
	MEng Automotive and Motorsport Engineering (H332)	5 years (S/W)		IB: 136-128 UCAS tariff points which must inc HL Maths & another HL Science/Technology subject.	
	MEng Energy Engineering (H221)				

Name of University	Course Title & UCAS Code	Course Duration	Tuition fees (£) per academic year 2026	Entry Requirements	Remarks
Kingston University	MEng Mechanical Engineering (H303) MEng Mechanical Engineering (Automotive) (H323)	4 years 5 years (S/W)	19,200	A Levels: 128-144 UCAS Tariff points with Maths & two science subjects.	
Lancaster University	MEng Mechanical Engineering (H303) MEng Mechatronic Engineering (HHH6) MEng Engineering (H102)	4 years	30,770	A Levels: AAA with Maths and a Physical Science: Physics, Chem, Electronics, Computer Sci, Design & Technology or Further Maths. IB: 36 points with 16 points from the best 3 HL subjects including either: Maths HL 6 (either pathway) plus HL 6 in a Physical Science. Maths HL 6 (either pathway) plus SL 6 in two Physical Sciences. Maths SL 7 (Analysis and Approaches) plus HL 6 in a Physical Science.	In the modern world, Mechanical Engineers are part of small or large teams developing complex systems. Our common first year is tailored to equip you with the required broad fundamental knowledge. You will study themes from within mechanical engineering, but also the fundamentals behind electrical, electronics and chemical processes, along with a solid foundation in engineering mathematics.
University of Leeds	MEng Mechanical Engineering (H300) MEng Aeronautical and Aerospace Engineering (H410) MEng Automotive Engineering (H330) MEng Mechatronics and Robotics (HH36) MEng Medical Engineering (HHH6)	4 years	32,750	A levels: A*AA inc Maths & Physics, where the A* must be in either Maths or Physics. IB: 36 points, with 18 at HL to include 6 in HL Maths & Physics or Chemistry.	The first two years of our degree courses share the same set of compulsory modules, giving you the flexibility to switch between our different degrees. In Years 3 and 4 you'll take modules in your chosen specialism.

Name of University	Course Title & UCAS Code	Course Duration	Tuition fees (£) per academic year 2026	Entry Requirements	Remarks
University of Leicester	MEng Mechanical Engineering (H305)	4 years 5 years (S/W)	25,100	A Levels: ABB including Maths. Two AS-levels considered in place of one A-level.	All engineers require an excellent knowledge of basic engineering principles, which is why 75% of our first year is common for all our subjects.
	MEng Aerospace Engineering (H401)			IB: 30 points, inc 5 in Maths & Physics at HL. Minimum of 4 in English Language required if grade C/4 not held at GCSE.	Three of our Engineering subjects (Aerospace, General and Mechanical) share the exact same first year. This means that you can switch between any of these degrees during your first year (but not to Electronic and Electrical which is more specialised).
	MEng General Engineering (H105)				
University of Lincoln	MEng Mechanical Engineering (H300)	4 years	18,300	A Levels: BBB, to inc a grade B in Maths. IB: 30 points to inc HL 5 in Maths.	Founded in collaboration with Siemens, the University of Lincoln's School of Engineering has a core philosophy of research-led teaching. Our innovative industrial collaborations have led to a generous programme of bursaries and workplace experience opportunities. The University is also one of a select group of Siemens' Global Principal Partners.

Name of University	Course Title & UCAS Code	Course Duration	Tuition fees (£) per academic year 2026	Entry Requirements	Remarks
University of Liverpool	MEng Mechanical Engineering (H301) MEng Mechatronics and Robotic Systems (HH76)	4 years 5 years (S/W)	32,000	A Levels: AAB inc Maths & a second science. IB: 34 points overall and no score less than 4 and inc 5 in HL Maths and 5 in HL Physics, or pass the IB Diploma with 6,6,5 in three HL subjects, inc 5 in HL Maths and 5 in HL Physics.	Years One and Two of our programmes are designed to provide students with fundamental knowledge of engineering science in subjects such as thermodynamics; fluid mechanics; solid mechanics; dynamic systems; materials and electronics and mathematics. It is this scientific understanding that underpins the practice of all professional engineering. Students also learn about project management, computer programming, and engineering design. Lecturebased learning is complemented by a wide range of laboratory work, practical challenges, teambased 'design-build-test' projects, site visits and other activities.
Liverpool John Moores University	MEng Mechanical Engineering (H301) MEng Marine and Mechanical Engineering (H390)	4 years 5 years (S/W)	18,250	A Levels: ABB with 80 UCAS points from Maths & one of the following: Physics, Chem, Computing, Further Maths, Electronics or Engineering. IB: 128 UCAS tariff points inc a minimum score of 6 in HL Maths and 6 in HL Physics.	

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Name of University	Course Title & UCAS Code	Course Duration	Tuition fees (£) per academic year 2026	Entry Requirements	Remarks
Imperial College London	MEng Mechanical Engineering (H301) MEng Mechanical with Nuclear Engineering (apply via H301)	4 years 5 years (S/W)	 45,500	A Levels: A*A*A or A*AAA overall, to inc: Three A-levels: A* in Maths, A* in Physics & A in another subject (Further Maths is useful but not essential). Four A-levels: A* in Maths, A in Physics & A in another two subjects (Further Maths is useful but not essential). IB: 40 points with 7 in HL Maths and 7 in Physic	Please tell us in your personal statement about the things you have done to find out about mechanical engineering. In particular, describe any work placements, industrial visits, or relevant projects or hobbies. We are also interested in your general motivation as evidenced by extracurricular activities and part-time work, as well as your wider contribution to your school or community life.
Queen Mary, University of London	MEng Mechanical Engineering (H301)	4 years 5 years (S/W)	 32,950	A Levels: AAA to inc Maths, & Physics or Chem. IB: 36 points, inc 6,6,5 from three HL subjects. This must include Maths at HL, & either Physics or Chem, also at HL.	
University College London	MEng Engineering (Mechanical) (H301) MEng Engineering (Mechanical with Business Finance) (H1NH)	4 years	 42,700	A Levels: A*AA with Maths & Physics required. A* must be in one of the required subjects. Further Maths, Econs or Design & Technology preferred as third subject, but not essential. IB: 39 with a score of 19 points in three HL subjects inc Maths & Physics, with no score lower than 5. HL 7 required in Maths or Physics. Econs preferred as third higher level subject, but not essential.	

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Loughborough University	MEng Mechanical Engineering (H303) MEng Manufacturing Engineering (H701) MEng Product Design Engineering (HHC7) MEng Robotics, Mechatronics and Control Engineering (H673)	4 years 5 years (S/W)	30,700	A Levels: A*AA inc Maths & Physics, with A* in either Maths or Physics. IB: 38 (7,6,6 HL) inc Maths & Physics at HL.	
The University of Manchester	MEng Mechanical Engineering (H303) MEng Mechatronic Engineering (HHH6)	4 years 5 years (S/W)	35,700	A Levels: A*A*A in Maths, Physics and one other subject. IB: 38 points with 7, 7, 6 at HL inc Maths & Physics	
Manchester Metropolitan University	MEng Mechanical Engineering (2D86)	4 years	21,500	A Levels: 112 – 120 points inc Maths or Further Maths IB: 26 inc HL in Maths and HL 4 or SL 5 in English	Assessment Methods: Year 1 60% coursework; 40% examination Year 2 75% coursework; 25% examination Year 3 75% coursework; 25% examination Year 4 100% Coursework

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Name of University	Course Title & UCAS Code	Course Duration	Tuition fees (£) per academic year 2026	Entry Requirements	Remarks
Newcastle University	MEng Mechanical Engineering (H301)	4 years 5 years (S/W)	30,700	A Levels: AAB inc Maths & at least one of Physics, Chem or Further Maths. IB: 34 points with Maths & at least one of Physics or Chem at HL 6 or above. Physics required at SL 5 or above if not offered at HL.	Assessment Methods: Year 1 Written Exams: 30% Coursework: 70% Year 2 Written Exams: 13% Coursework: 88% Year 3 Written Exams: 13% Practical Exams: 15% Coursework: 42% Year 4 Written Exams: 33% Practical Exams: 20% Coursework: 47%
	MEng Mechanical Design and Manufacturing Engineering (HH37)				
	MEng Mechanical Engineering with Biomedical Engineering (H3H8)				
	MEng Mechanical Engineering with Energy (H3H2)				
	MEng Mechanical Engineering with Mechatronics (H3H6)				
	MEng Sustainable Transport Engineering (H392)				
University of Northampton	MEng Mechanical Engineering (H308)	4 years	18,000	A Levels: BCC inc Maths & a Science at C or above. IB: 25 points with Maths & a Physical Science at grade 5 or above at HL required.	Our engineering programmes have strong industry focus, aiming to build upon students' knowledge and experience to prepare them for employment or further study.

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Northumbria University	MEng Mechanical Engineering (H304) MEng Automotive Engineering (H3P4) MEng Mechanical and Automotive Engineering (H8C4)	4 years 4 5 years (S/W)	21,500	A Levels: 96-112 UCAS Tariff points with Maths & another analytical science subject (Bio, Chem, Computer Sci, Physics or Tech), or recognised equivalents.	
University of Nottingham	MEng Mechanical Engineering (H300) MEng Manufacturing Engineering (H707)	4 years 4 5 years (S/W)	33,000	A Levels: A*AA inc Maths and preferably Physics. IB: 36 (6 in Maths Analysis & Approaches / Maths App & Interpretation or 7 in SL Maths Analysis and Approaches & 6 in HL Chemistry / Physics)	
University of Oxford	MEng Engineering Science (H100)	4 4 years	62,820	A Levels: A*A*A to inc Maths & Physics. The A*s must be in Maths, Physics or Further Maths. IB: 40 (inc core points) with 776 at HL (with 7s in HL Maths & Physics). All candidates must take the Physics Aptitude Test (PAT) as part of their application.	The first two years are devoted to topics which we believe all Engineering undergraduates should study. In the third and fourth years there is scope for specialisation into one of six branches of engineering: Biomedical, Chemical, Civil, Electrical, Information and Mechanical.

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Name of University	Course Title & UCAS Code	Course Duration	Tuition fees (£) per academic year 2026	Entry Requirements	Remarks
Oxford Brookes University	MEng Mechanical Engineering (H302)	4 years	18,250	A Level: BBB with B in Maths, & B in Physics, Chem, Electronics, Engineering or another suitable science. IB: 32 points with 5 in HL Maths & Physics.	
	MEng Automotive Engineering (H341)	5 years (S/W)			
	MEng Motorsport Engineering (H337)				
University of Plymouth	MEng Mechanical Engineering (H304)	4 years	19,200	A Levels: 120 points including a C at Maths and a C at second relevant subject. IB: 30-32 overall to inc 5 at HL Maths & 5 at HL science or a tech subject at HL. English & Maths must be inc.	In Year 1, you'll acquire a sound foundation in design, mechanics, materials, electrical principles, thermo-fluids, mathematics and business, learning by active involvement in real engineering problems. You'll also undertake a hands-on module in manufacturing methods. Modules are shared with the BEng (Hons) Marine Technology and BEng (Hons) Mechanical Engineering with Composites.
	MEng Mechanical Engineering with Composites (H306)	5 years (S/W)			
	MEng Marine Technology (J612)				
University of Portsmouth	MEng Mechanical Engineering (H304)	4 years 5 years (S/W)	19,200	A Levels: ABB – BBB ; 120-128 points to inc a minimum of 3 A levels, or equivalent, with 40 points from Maths, plus two relevant subjects. IB: 27-28 points	Year 1: 84% by written exams and 16% by coursework Year 2: 56% by written exams, 13% by practical exams and 31% by coursework Year 3: 60% by written exams and 40% by coursework Year 4: 42% by written exams, 5% by practical exams and 53% by coursework

SECTION 2: APPLYING FOR MECHANICAL ENGINEERING

Name of University	Course Title & UCAS Code	Course Duration	Tuition fees (£) per academic year 2026	Entry Requirements	Remarks
Queen's University Belfast	MEng Mechanical Engineering (H303) MEng Product Design Engineering (H152)	4 years 5 years (S/W)	26,600	A Levels: AAA inc Maths & at least one from Physics (preferred), Bio, Chem or Further Maths. IB: 36 points, inc 6,6,6 at HL, inc Maths & Physics (preferred), Bio or Chem.	
Robert Gordon University	MEng Mechanical Engineering (H304) MEng Mechanical and Electrical Engineering (H300) MEng Mechanical and Offshore Engineering (H351)	5 years (Scottish University)	18,940	A Levels: BCC to inc Maths B plus either Physics, Design Tech or Engineering. IB: 27 to inc HL Maths & Physics, one of which must be at 6 and one at grade 5. English is required at a minimum of SL 4.	Assessment Typically, students are assessed each semester: 3 Written exams, average time of exam: three hours
The University of Sheffield	MEng Mechanical Engineering (H300) MEng Mechanical Engineering with Biomechanics (H3H6) MEng General Engineering (H100)	4 years 5 years (S/W)	32,100	A Levels: A*AA, inc Maths & at least one of Physics ,Chem or Bio. IB: 36, 6 in HL Maths & at least one of Physics or Chem.	
Sheffield Hallam University	MEng Mechanical Engineering (H301) MEng Aerospace Engineering (H414) MEng Automotive Engineering (H331)	4 years 5 years (S/W)	18,000	A Levels: ABB-AAB; 128-136 UCAS Tariff points. This must inc at least 64 points from two A Levels to inc Maths & least one other science subject such as Physics or Chem.	

SECTION N 2: APPLYING FOR MECHANICAL ENGINEERING

Name of University	Course Title & UCAS Code	Course Duration	Tuition fees (£) per academic year 2026	Entry Requirements	Remarks
University of Southampton	MEng Mechanical Engineering (H301)	4 years	31,000	A Levels: A*AA inc Maths & Physics in min A. IB: 38 points with 19 points required at HL, including 6 at HL in Maths and 6 at HL in Physics.	Assessment Year 1 Written exam Practical exam Coursework Year 2 Written exam Practical exam Coursework Year 3 Written exam Practical exam Coursework Year 4 Written exam Practical exam Coursework 28%
	MEng ME / Acoustical Engineering (4R23)				
	MEng ME / Aerospace Engineering (HH34)				
	MEng ME / Automotive Engineering (H390)				
	MEng ME / Biomedical Engineering (4R29)				
	MEng ME / Computational Engineering and Design (5P01)				
	MEng ME / Engineering Management (HN32)				
	MEng ME / Materials (HJ35)				
	MEng ME / Mechatronics (HH37)				
	MEng ME / Naval Engineering (HH35)				
	MEng ME / Sustainable Energy Systems (HH32)				
	MEng Mechatronic Engineering (HHH6)				

SECTION 2: APPLYING FOR MECHANICAL ENGINEERING

Name of University	Course Title & UCAS Code	Course Duration	Tuition fees (£) per academic year 2026	Entry Requirements	Remarks
University of South Wales	MEng Mechanical Engineering (L21H) MEng Aeronautical Engineering (92N5)	4 4 years	17,200	A Levels: BBB to inc Maths & one other Science subject. IB: 30 overall inc a score of 5 in Geography or Maths at HL. You will also need to obtain a score of 5 or above in English at SL.	
University of Surrey	MEng Mechanical Engineering (H309)	4 years 4 5 years (S/W)	27,000	A Levels: AAB with Maths at grade A & Physics. IB: 34 with HL6/SL7 in Maths & HL5/SL6 in Physics.	
University of Sussex	MEng Mechanical Engineering (H301) MEng Automotive Engineering (H330) MEng Mechanical Engineering with Robotics (H303)	4 years 4 5 years (S/W)	25,000	A Levels: AAB-ABB with Maths. IB: 34 HL must include Maths, with a grade of 5.	
Swansea University	MEng Mechanical Engineering (H304)	4 years 5 years (S/W)	24,500	A Levels: AAA-AAB at A level (inc Maths). IB: 34 with either 5 at HL (or 6 at SL) "Maths: analysis & approaches", or 5 at HL (or 7 at SL) "Maths: applications & interpretation".	

SECTION 2: APPLYING FOR MECHANICAL ENGINEERING

Name of University	Course Title & UCAS Code	Course Duration	Tuition fees (£) per academic year 2025	Entry Requirements	Remarks
The University of Strathclyde	MEng Mechanical Engineering (H302)	5 years (Scottish University)	30,950	2 nd year entry: A Levels: A*AA-AAB (Maths, Physics). IB: 38-34 (Maths HL6, Physics HL6).	
	MEng Aero-Mechanical Engineering (H421)			1 st year entry: A Levels: AAB – BBB (Maths, Physics).	
	MEng Biomedical Engineering (B831)			IB: 36-32 (Maths & Physics at HL 5)	
	MEng Electrical & Mechanical Engineering (HH6H)				
	MEng Manufacturing Engineering with Management (HN8F)				
	MEng Mechanical Engineering with Aeronautics (H3H4)				
	MEng Mechanical Engineering with Financial Management (H3N3)				
	MEng Mechanical Engineering with Materials Engineering (H3J2)				
	MEng Product Design Engineering (H770)				
	MEng Sports Design Engineering (HC17)				

SECTION 2: APPLYING FOR MECHANICAL ENGINEERING

Name of University	Course Title & UCAS Code	Course Duration	Tuition fees (£) per academic year 2026	Entry Requirements	Remarks
Teesside University	MEng Mechanical Engineering (H301) MEng Aerospace Engineering (H401)	4 years 5 5 years (S/W)	17,000	A Levels: 112-128 UCAS tariff points from any combination of recognised Level 3 qualifications including Maths B. The preferred second subject is Physics, but alternative science, tech & engineering subjects are also acceptable. IB: Award of IB including 5 in HL Maths.	
University of Warwick	MEng Mechanical Engineering (H302) MEng Automotive Engineering (H335) MEng Manufacturing and Mechanical Engineering (HH37)	5 4 years	35,530	A Levels: A*AA to inc Maths & Physics. IB: 38 with 6, 6, 6 at HL, Maths & Physics are required - at least one of these subjects should be at HL.	All first year students study a general engineering programme, which is much favoured by industry. In the second year, students continue to study the same core modules as all other students until the end of term one, after which they can specialise, or continue on the general Engineering pathway.
UWE Bristol	MEng Mechanical Engineering (H301) MEng Automotive Engineering (H335)	4 years 6 5 years (S/W)	17,000	A Levels: 120 UCAS Tariff points with C in Maths plus a pass in one of the following subjects: Biology; Chem; Computing or Computer Sci; Design & Tech; Electronics; Engineering; ICT; Further Maths & Physics. IB: To include a minimum grade of 5 in HL Maths & a pass at HL in one of the following subjects: Biology; Chem; Computer Sci; Design Tech; Physics; Environmental Systems & Societies.	Assessment: Year 1: Written exam Coursework Practical exam Year 2: Written exam Coursework Practical exam Year 3: Written exam Coursework Practical exam Year 4: Written exam Coursework Practical exam 12%

Entry Requirements

The typical offer level is given in Column 4 of the Course Codes & Fees section of this booklet. Most requirements listed are for MEng entry. Otherwise, the BEng offer level is quoted, but transfer to the MEng programme is always possible with a good level of academic performance at the university, with approval from the university.

You should note that universities aim their courses to suit their typical student, so a high score will indicate an initially high level of assumed knowledge and a stronger emphasis on theory.

Scottish universities have 5-year courses leading to the MEng degree, but applicants with strong A-level qualifications can omit the first year. Scottish universities will accept Australian and Canadian pre-university qualifications for entry to the first year, as does Queen's University Belfast. Unless otherwise stated, the entry requirements of Scottish universities listed are for 2nd year entry.

Selectors' Attitude

Your UCAS application is always considered as a whole; taking into account your qualifications, experience, personal statement and reference. Some universities may require applicants to attend interviews.

Universities will look for certain skills and attributes which they believe make an ideal candidate for Mechanical Engineering.

Personal Statement

Your personal statement should reflect your academic interests and show why you have chosen the subject. Selectors are looking for applicants who are able to cope with the demands of the course, evidence that they have done some work to pursue their academic interests and have the relevant aptitude and skills for a degree and career in Engineering. Matters like hobbies and non-academic interests can also serve to assist universities in diversifying the cohort of students they admit.

UCAS has implemented a system called the UCAS Similarity Detection Service to verify the authenticity of Personal Statements. If significant amounts of similarities are detected and the Verification staff decides to flag a personal statement, the university and the applicant will be notified via email by UCAS.

03



LOOKING AHEAD

Career Path

Careers in Mechanical Engineering are still popular in a developing country like Malaysia. Popular sectors include the automotive and aerospace industries. A degree in Mechanical Engineering allows graduates to work very effectively in virtually any Engineering industry. Additionally, an Engineering degree is known to open doors to a wide variety of jobs.

After completing an accredited degree, you may register as a Graduate Engineer with the Board of Engineers Malaysia (BEM) and take up 3 years of relevant professional training, before passing a Professional Assessment Examination by the board and thus qualify as a Professional Engineer.

MEng
Degree

Graduate
Registration

Training

Assessment

Professional
Status



“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.



Visit our website at 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!

UK degree applications made easy

MABECS SDN BHD 198501011041 (143492v)

B-07-03 Block B West, PJ8
No. 23 Jalan Barat, Seksyen 8
46050 Petaling Jaya
Selangor, Malaysia.

T +603 7956 7655
M +6017 339 7453
E enquiries@mabecs.com
W www.mabecs.com

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 a education advisor, or complete and send an application.



MABECS
UK EDUCATION SPECIALISTS
EST. 1985

MABECS SDN BHD 198501011041 (143492v) T +603 7956 7655

B-07-03 Block B West, PJ8
No. 23 Jalan Barat, Seksyen 8
46050 Petaling Jaya
Selangor, Malaysia.

M +6017 339 7453

E enquiries@mabecs.com

W www.mabecs.com