

MABECS QuickGuides



ALL YOU NEED TO KNOW ABOUT Physics

SPECIALLY CURATED FOR YOU BY



BEFORE WE GO FURTHER...



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Our service is free of charge.



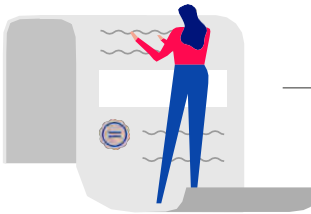
To find out more about MABECS' history and services, turn to the inside back cover.
To reach a MABECS education advisor, call us or WhatsApp at 603 7956 7655
or email enquiries@mabecs.com

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

Advice & guidance

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

1



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.

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.

3



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Air tickets & accommodation

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

Study in the UK!

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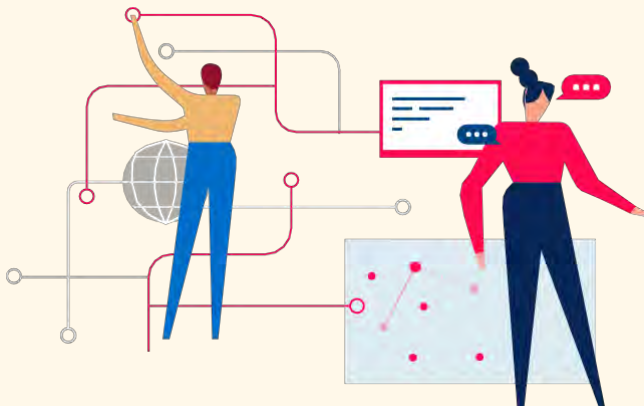
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Have a different set of questions about studying in the UK?

Call or WhatsApp 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 PHYSICS

Introduction

Physics is the study of the entire universe. Physics seeks to understand the nature of the world we live in. It is the engine that drives much of modern technology, so a Physics theory course covers a huge range of subjects, from quantum mechanics, relativity, particle physics, waves and fields, chaos theory, astronomy and space science in theory. Communications, computing, space flight, physics in medicine and such might be in an applications course. Degrees marked with the symbol € are accredited by the Institute of Physics (IOP), an important step in the process of becoming a Chartered Physicist.

In general, the MPhys degree is for those who wish to make a career as professional physicists, the BSc for those who wish for a good education in Physics which leads to a wider career.

Course Organisation

Most universities offer both Bachelor of Science (BSc) for 3 years and Master of Physics/Science (MPhys/MSci) degrees for 4 years. In Scotland, the degree durations for Bachelor's Degree and Master's are 4 and 5 years respectively. Some offer courses with either one year abroad or one year in industry.

The three years Bachelor of Science degree provides a solid training in physics and opens the door to a wide range of careers.



Some universities offer the option to continue studying for an additional one or two years, graduating with a Master of Physics (MPhys) or a Master of Science (MSci). (MPhys/MSci degrees have exactly the same status as each other; these courses simply have different names at different universities)

MPhys/MSci degrees provide a more in-depth study of physics than BSc degrees and usually involve a significant research project. They offer more opportunities to develop skills such as problem solving, presentation and communication skills.

If you are considering the path of a professional physicist, then it may also be important to think about whether your degree is accredited by the Institute of Physics (IOP). Accredited IOP degrees provide a solid grounding in all of the core areas of physics. If you complete such a degree, you will be eligible for professional awards such as Chartered Physicist.

BSc (Hons) degree is accredited by the Institute of Physics for the purpose of partially meeting the educational requirement for Chartered Physicist.

MPhys degree is accredited by the Institute of Physics for the purpose of fully meeting the educational requirement for Chartered Physicist.

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

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

Course Content

Physics degrees will introduce students to contemporary physics topics, providing an overview of how the principles of physics are applied in industries such as medicine, communications and engineering.

The core topics of Physics include electricity and magnetism, space and time, thermodynamics, quantum physics, relativity, geophysics, astronomy and geology, to name a few. First year studies will focus on the fundamentals of classic and modern physics, plus a whole lot of Mathematical formulae. As you progress through your physics degree, you will move on to more complex mathematics, as well as more complex modern theorems such as quantum and relativity.

Towards the latter part of degree, you will have more opportunities to choose your own specialisations, perhaps with certain types of physics jobs in mind.

You will cover mathematics as part of your degree. Many of the mathematical concepts will be familiar to you; integration, differentiation, vectors, matrices and statistics; however, you will use them in new ways in your physics degree to build a proper understanding of the laws of nature. You will also learn new areas of mathematics required for topics such as quantum mechanics.

If the mathematical side of physics appeals to you, then you may want to consider a degree in theoretical physics.



02

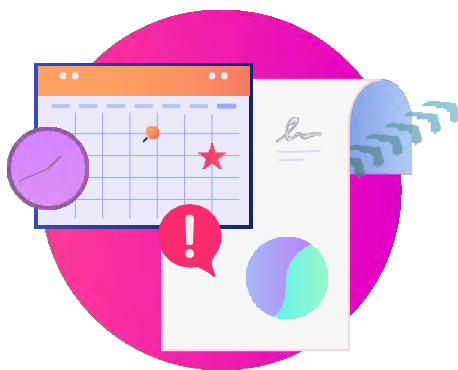


APPLYING FOR PHYSICS

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 14, 2026.

The final deadline of the UCAS application is June 30.



Course Codes & Fees

Name of University	Course Title & UCAS Code	Course Duration	Tuition fees (£) per academic year 2025	Entry Requirements	Remarks
Aberdeen	Physics (F300)	4 years	24,800	A Levels: Standard: BBC, Minimum: BCC including Mathematics and Physics. IB: 32 points, including 5, 5, 5 at HL, including Mathematics and Physics.	This degree holds accreditation from the Institute of Physics (IOP).
Aberystwyth	Physics (F300)	3 years	20,715	A level: BBB - BBC including B in Physics & Mathematics. GCSE: Grade C/4 in English or Welsh + Mathematics. IB: 30-28 points with 5 points in Physics and Mathematics at Higher Level.	This degree is accredited by the Institute of Physics (IOP) .
	MPhys (F303)	4 years			
Bath	Physics (N110)	3 years	30,500	A-level: A*AA including Mathematics and Physics with A* in Mathematics or Physics (or Further Mathematics if applicable). IB: 36 points with 7,6,6 in three Higher Level subjects including Mathematics and Physics.	The university has a strong preference for applicants who offer Mathematics and Physics at Higher Level. They may be able to consider you if you are studying one of these subjects at Standard Level (but not both). The typical offer in this instance would be 7 in the relevant Standard Level in addition to obtaining 6, 6, 6 or 7, 6, 5 in three HL subjects. This course is recognised by the Institute of Physics (IOP) for the purpose of partially/fully meeting the educational requirements for a Chartered Physicist.
	MPhys (N112)	4 years			

Name of University	Course Title & UCAS Code	Course Duration	Tuition fees (£) per academic year 2025	Entry Requirements	Remarks
Birmingham	Physics (F300)	3 years	28,130	A-level: A*AA / AAAA, A level Mathematics and A level Physics grades A*A (or AA as part of the four A level offer).	BSc and MSci are identical for first two years so you don't need to make a final decision between the two until the end of second year.
	Physics (MSci) (F302)	4 years		IB: Minimum 32 points, 7,6,6 at Higher Level, including Mathematics and Physics, 7 must be in Mathematics or Physics.	This course is accredited by the Institute of Physics (IOP).
Bristol	Physics (F300)	3 years	30,400	A-level: *AA including A*A in Mathematics and Physics in any order.	This course is recognised by The Institute of Physics (IOP) for the purpose of partially/fully meeting the educational requirement for Chartered Physicist
	Physic (MSci) (F303)	4 years		IB: 38 overall including 18 points at Higher Level with 7, 6 at Higher Level in Mathematics and Physics	
Cambridge	Natural Sciences (BCF0)	3 years	Fees 2025: £41,124 (+ College Fees between £10,017 to £13,169)	A-level: A*A*A, Essential At least two science/mathematics A Levels. Highly desirable A third science/mathematics subject to at least AS Level/IB Standard Level.	Please note that in the following 'science/mathematics subjects' refers to Biology, Chemistry, Physics, Mathematics and Further Mathematics. It does not include Psychology. (For further info on subject combination, please refer to university's website)
	BA (Hons) or MSci	4 years		IB: 41-42 points, with 776 at Higher Level. The advice above about A Level subject combination also applies to the IB.	* Pre-interview written assessment is required for this course – ESAT (Engineering and Science Admissions Test) is required. This is a new test for 2025 entry onwards You can find entry requirements for individual colleges on the Cambridge website which can differ slightly between colleges.

Name of University	Course Title & UCAS Code	Course Duration	Tuition fees (£) per academic year 2025	Entry Requirements	Remarks
Cardiff	Physics (F300) + Professional Placement (F 302)	3 years	29,450	A-level: AAB-ABB. Must include grade A in Maths or grade B in Maths and Physics. You will need to pass the science practical element of the A-level if this is part of your programme of study. IB: 31-34 points overall or 666-665 in 3 HL subjects. Must include grade 6 in HL Maths or grade 6 HL Maths and Physics.	The course contains all the core content required for the degree to be accredited by the Institute of Physics (IOP).
	Physics (MPhys) (F303)	4 years			There is the option of taking a Professional Placement Year between your second and third years, when you can work in industry, commerce, government or with another relevant placement provider. This would extend the BSc degree to four years.
Central Lancashire	Physics (F300)	3 years	17,325	A-level: 120 points at A2 including BB in Physics & Mathematics (excluding General Studies) IB: 120 points including Mathematics and Physics at HL 5.	Accredited by the Institute of Physics (IOP) - graduates can use their course to contribute to Chartered Physicist status at Bachelors or Master's level.
	Physics (MPhys) (F303)	4 years			
Dundee Scotland	Physics (F300)	4 years	25,000	A-level 1st year entry: BSc: BBB (standard) including A-Level Mathematics and Physics. 2nd year entry: ABB including A-Level Mathematics and Physics. IB: BSc: 28 points at Higher Level grades 5, 5, 4 to include Mathematics and Physics. 2nd year entry: 32 points at Higher Level grades 6, 5, 5 to include Mathematics and Physics.	Physics degrees are accredited by the UK Institute of Physics (IOP), with suitably experienced graduates thus eligible to apply for chartered physicist (CPhys) professional status.
	Physics (MPhys) (F303)	5 years			

Name of University	Course Title & UCAS Code	Course Duration	Tuition fees (£) per academic year 2025	Entry Requirements	Remarks
Durham	Physics (F300)	3 years	30,750	A-level: A*A*A including Physics and Mathematics.	All the Single Honours degrees are accredited by the Institute of Physics and students are eligible to follow a route to corporate membership of the Institute and to the C.Phys. professional qualification.
	Physics (MSci) (F301)	4 years		IB: 38 points overall with 776 in Higher Level subjects, to include Higher Level Mathematics (maths analysis & approaches) and Physics.	
East Anglia	Physics (F300)	3 years	27,900	A-level: ABB including Mathematics and Physics.	The first year will introduce you to many of the major themes in physics, while the second and third years will provide more advanced teaching, and you'll be able to specialise in a particular field.
	Physics (MPhys) (F303)	4 years		IB: 32 points including HL 5 in Mathematics and HL 5 in Physics	
Edinburgh Scotland	Physics (F300)	4 years	36,800	A-level: 1st year entry: AAA-ABB include Mathematics at Grade A and Physics at B. 2nd year entry: A*AA in one sitting, to include Mathematics at A* and Physics.	Accredited by the Institute of Physics (IOP). ATAS certificate is required to study this course at the university. Other degrees include:
	Physics (MPhys) (F303)	5 years		IB: 37 points overall and award of IB Diploma with 666 at HL to include Mathematics (Analysis & Approaches only) at 6 and Physics at 5. 2nd year entry: 38 points overall with 766 at HL to include Mathematics (Analysis & Approaches only) at 7 and Physics at 6.	

Name of University	Course Title & UCAS Code	Course Duration	Tuition fees (£) per academic year 2025	Entry Requirements	Remarks
Exeter	Physics (F300)	3 years	30,900	A-level: AAA-ABB with at least one grade A and a grade B in GCE AL Maths and Physics.	All MPhys and Single Honours BSc degrees are accredited by the Institute of Physics . Accredited MPhys degrees fully satisfy the educational requirements of the Chartered Physicist (CPhys) professional qualification.
	Physics (MPhys) (F303)	4 years		IB: 36-32 with at least one HL6 and one HL5 in IB Mathematics (Analysis and Approaches) and Physics are required.	
Glasgow Scotland	Physics (F300)	4 years	31,800	A-level: AAB-BBB including Mathematics and Physics.	All programmes containing physics are accredited by the Institute of Physics. The programmes in this subject at Masters level require ATAS.
	Physics (MSci) (F301)	5 years		IB: 34 points (655), including Mathematics (Analysis & Approaches) and Physics.	
	Theoretical Physics (F344)				
Heriot Watt Scotland	Physics (F300)	4 years	25,008	A-level: BBC-ABB including Physics and Mathematics with one at B. 2nd year entry: ABB including Physics and Mathematics with one at A.	This degree in Physics is accredited by the Institute of Physics (IOP) for the purpose of partially meeting the educational requirement for Chartered Physicist. The Chemical Physics programmes also require a relevant Chemistry qualification appropriate to the Level (for example, A-Levels or Highers at grade C for Level 1, A-Levels or Advanced Highers at grade B for Level 2).
	Physics (MPhys) (F302)	5 years		IB: 29 points, with Higher Level Maths at 5 and Physics at 5. 2nd year entry: 33 points with Higher Level Physics and Mathematics at 6.	
Hertfordshire	Physics (F300)	3 years + optional placement year	15,965	A-level: BBB-ABB including a grade B or above in Mathematics and Physics. IB: 120-128 points, must include Mathematics and Physics at HL grade 4 or above	The BSc degree has had accreditation from the Institute of Physics (IOP) for a number of years. New modules include Particle Physics and Plasma Physics options.

Name of University	Course Title & UCAS Code	Course Duration	Tuition fees (£) per academic year 2025	Entry Requirements	Remarks
Hull	Physics (F300)	3 years	20,000	A-level: UCAS Tariff 120 points, must include at least 80 points from two A levels. Or BBB including Maths and Physics at grade B. Applicants taking the reformed A-level must also Pass the practical element. IB: 30 points (including 6 in Higher Level Mathematics and Physics)	This course is accredited by the Institute of Physics (IOP).
	Physics (MPhys) (F303)	4 years			
Imperial College London	Physics (F300)	3 years	43,300	A-level: A*A*A, to include A* in Mathematics, A*/A in Physics and A in another subject (Further Mathematics is recommended, but not essential). *Chemistry, although not essential, is considered to be a useful third subject for developing knowledge and understanding of the course. IB: 40 points overall to include 7, 7, 6 at higher level including Mathematics (7) and Physics (7)	If you are made an offer you will be required to achieve a pass in the practical endorsement in all science subjects that form part of the offer. This degree is professionally accredited by the Institute of Physics (IOP). * For IB, Analysis and Approaches is preferred although Applications and Interpretation will also be accepted.
	Physics (MSci) (F303)	4 years			
Keele	Physics (F300)	3 years	17,700	A-level: ABB including B in Mathematics and B in Physics. IB: 32 points (655) to include Higher Level Physics and Mathematics (any) at 5.	This programme is accredited by the Institute of Physics (IOP). Dedicated first year modules will equip you with the fundamental mathematical, programming and practical skills required for effective academic study.
Kent	Physics (F300)	3 years	23,500	A-level: ABB, including A level Mathematics or Physics at B (not Use of Mathematics). IB: 128 UCAS points typically 566 including Maths and Physics	This programme is fully accredited by the Institute of Physics (IOP). Graduates with accredited degrees can follow a route to Institute Membership and the CPhys professional qualification.
	Physics (MPhys) (F303)	4 years			

Name of University	Course Title & UCAS Code	Course Duration	Tuition fees (£) per academic year 2025	Entry Requirements	Remarks
King's College	Physics (F300)	3 years	35,800	A-level: AAA, must include grade A in Mathematics and Physics.	<p>Note: If you are taking linear A levels in England, you will be required to pass the practical endorsement in all science subjects.</p> <p>Note: IB students studying the new Maths curriculum would be required to study <i>Analysis and Approaches</i> at Higher Level to meet the subject requirement for this programme.</p>
	Physics (MSci) (F303)	4 years		IB: 35 points, including 6,6,5 at Higher Level, including grade 6 in Higher Level Mathematics and Physics. The total point score of 35 includes TOK/EE.	
Lancaster	Physics (F300)	3 years	29,820	A-level: AAA including Mathematics grade A and Physics grade A.	<p>Applicants may be interviewed before being made an offer</p> <p>The degrees are accredited by the Institute of Physics (IOP).</p>
	Physics (MPhys) (F303)	4 years		IB: 36 points overall with 16 points from the best 3 Higher Level subjects including 6 in Mathematics HL and Physics HL.	
Leeds	Physics (F300)	3 years	32,250	A-level: AAA including Physics and Mathematics. Require a pass in the practical science element, alongside the achievement of the A Level at the stated grade.	<p>This course is professionally accredited by the Institute of Physics.</p> <p>ATAS certificate is required to study this course at the university. CAH code is: CAH07-01-01- Physics</p>
	Physics (MPhys) (F302)	4 years		IB: 35 points overall with 15 points at Higher Level to include 5 in Higher Level Physics and 5 in Higher Level Mathematics	
Leicester	Physics (F300)	3 years	24,500	A-level: ABB including Physics and Mathematics.	This course is professionally accredited by the Institute of Physics (IOP).
	Physics (MPhys) (F303)	4 years		IB: 30 points, including 5 in both Physics and Maths at Higher Level, or 6 in HL Physics and 6 in SL Maths or 6 in SL Physics and 6 in HL Maths.	

Name of University	Course Title & UCAS Code	Course Duration	Tuition fees (£) per academic year 2025	Entry Requirements	Remarks
Lincoln	Physics (F300)	3 years	17,900	A-level: 96-112 UCAS Tariff points to include 40 points from A Levels Physics and Mathematics. IB: 28 points with a minimum of 2 Higher Level subjects to include a Higher-Level Grade 5 in Maths and Physics.	This programme is accredited by the Institute of Physics (IOP). Holders of accredited degrees are eligible for IOP membership and can follow a route to professional registration as a RSci, CPhys, and/or CSci.
	Physics (MPhys) (F303)	4 years			
Liverpool	Physics (F300)	3 years	29,100	A-level: ABB, including Mathematics and Physics at A-level. IB: 33 points that must include 6 points each from Physics and Mathematics at Higher level.	This programme is accredited by the Institute of Physics (IOP), which means it satisfies the academic requirements for Chartered Physicist status.
	Physics (MPhys) (F303)	4 years			
Loughborough	Physics (F300)	3 years	30,700	A-level: AAB including Mathematics and Physics. Applicants without A level Physics may be considered on a case by case basis. IB: 35 points with 6, 6, 5 including Mathematics and Physics at HL.	Accredited by the Institute of Physics (IOP). Holders of accredited degrees are eligible for IOP membership and can follow a route to professional registration as a RSci or CPhys.
	Physics (MPhys) (F303)	4 years			
London, Queen Mary College	Physics (F300)	3 years	£29,950	A-level: ABB at A-Level. This must include grade A or above in at least one of Mathematics and Physics. Both subjects are required. Excludes General Studies. IB: 32 points overall, including 6,5,5 from three Higher Level subjects. This must include 6 in Higher Level Mathematics or Physics, with both subjects being taken at Higher Level.	This programme is accredited by the Institute of Physics. Students studying BSc or MSci Physics with Professional Experience have the option to include a one-year paid Professional Experience internship within their degree programme.
	Physics (MSci) (F303)	4 years			

Name of University	Course Title & UCAS Code	Course Duration	Tuition fees (£) per academic year 2025	Entry Requirements	Remarks
London University College	Physics (F300)	3 years	39,800	A-level: A*AA with A*A in Mathematics and Physics (in any order). IB: 39 points, with a total of 19 points in three higher level subjects including Mathematics and Physics at grade 6 and 7, in any order, with no score below 5.	This programme is accredited by the Institute of Physics (IOP).
	Physics (MSci) (F303)	4 years			
Manchester	Physics (F300)	3 years	36,500	A-level: A*A*A (to include A* in both Physics and Maths). Require a pass in the Practical Assessment in the newly reformed Science A Levels. IB: 38 points overall with 7,7,6 in Higher Level subjects (to include both Physics and Maths at 7)	This programme is accredited by the Institute of Physics (IOP). Cover the basics of classical physics and progress to modern, diverse topics - including atomic and molecular structure, electro-magnetic radiation, lasers, stars and cosmology, and particle and nuclear physics.
	Physics (MPhys) (F303)	4 years			
Newcastle	Physics (F300)	3 years	30,600	A-level: AAB including Mathematics and Physics but excluding General Studies and Critical Thinking. For Biology, Chemistry and Physics A levels, require a pass in the practical element. IB: 34 points with Mathematics (Analysis and Approaches) and Physics at Higher Level grade 6.	This degree is professionally accredited by the Institute of Physics (IOP). How you will be assessed: 55% Written Exams, 45% Coursework
	Physics (MPhys) (F303)	4 years			
Nottingham	Physics (F300)	3 years	30,750	A-level: A*AA- AAA including both Mathematics and Physics with at least one of these subjects achieving an A* IB: 34 points with 666 at HL	The Institute of Physics accredits bachelor and integrated master's degree programmes for the purposes of the professional award of Chartered Physicist.
	Physics (MSci) (F303)	4 years			

Name of University	Course Title & UCAS Code	Course Duration	Tuition fees (£) per academic year 2025	Entry Requirements	Remarks
Nottingham Trent	Physics (F300)	3 years	17,500	A-level: 112-120 UCAS Tariff points including an A-level Physics and Mathematics grade C (in any order)	The courses are accredited by the Institute of Physics (IOP) .
	Physics (MSci) (F303)	4 years			
Northumbria	Physics (F300)	3 years	20,950	A-level: 112 UCAS Tariff points include Mathematics and Physics at grade B. IB: 112 UCAS Tariff points including minimum score of 4 in at least three subjects at Higher level including Mathematics and Physics	Accredited by the Institute of Physics (IOP) for the purpose of partially meeting the educational requirement for Chartered Physicist.
	Physics (MPhys) (F301)	4 years			
Oxford	Physics (MPhys) (F303)	4 years	£59,260 (2025)	<p>A-level: A*AA to include Mathematics and Physics. The A* must be in Mathematics, Physics or Further Mathematics.</p> <p>IB: 39 (including core points) with 766 at HL (the 7 should be in either Physics or Mathematics). Candidates are expected to have Physics and Mathematics to A-level, Advanced Higher, Higher Level in the IB or another equivalent. The inclusion of a Maths Mechanics module would also be highly recommended. Further Maths is helpful to candidates in completing this course, although this is not required for admission.</p>	<p>All candidates must also take the Physics Aptitude Test (PAT) as part of their application.</p> <p>The test consists of Maths and Physics questions, which are mixed in sequence (there are not separate Maths or Physics sections).</p>

Name of University	Course Title & UCAS Code	Course Duration	Tuition fees (£) per academic year 2025	Entry Requirements	Remarks
Royal Holloway Uni London	Physics (F300)	3 years	26,500	A-level: AAB-ABB including Mathematics and Physics, plus a Pass in the practical element of all Science A-levels being taken.	This course is accredited by the Institute of Physics (IOP).
	Physics (MSci) (F303)	4 years		IB: 6,6,5 at Higher Level including Maths and Physics at Higher Level with a minimum of 32 points overall.	
Salford	Physics (F300)	3 years	17,650	A-level: 104-112 points including Mathematics (with mechanics) and Physics.	Accredited by the Institute of Physics (IOP), the course provides advanced subject knowledge, so that you are ready for a wide-range of career in industry, research or teaching.
	With placement	4 years		IB: 30 points to include Grade 5 in Physics and Mathematics (with mechanics) at Higher Level.	
Sheffield	Physics (F300)	3 years	30,570	A-level: AAB including Maths and Physics + pass in the practical element of any science A Levels taken.	Accredited by the Institute of Physics (IOP) for the purpose of fully meeting the educational requirement for Chartered Physicist.
	Physics (MPhys) (F301)	4 years		IB: 34 points, with 6, 5 (in any order) in Higher Level Maths and Physics.	
Sheffield Hallam	Physics (F300) + optional work placement	3 - 4 years	17,155	A-level: 112-120 UCAS points, including at least 64 UCAS points from Physics and Mathematics A levels (with a minimum grade C in both). For example: BBB-BBC at A Level with the grade C in Mathematics or Physics.	This course is accredited by the Institute of Physics (IOP).

Name of University	Course Title & UCAS Code	Course Duration	Tuition fees (£) per academic year 2025	Entry Requirements	Remarks
Southampton	Physics (F300)	3 years	29,400	A-level: AAA- AAB including AA in Mathematics and Physics with a pass in the physics Practical OR AABC including physics (minimum grade A) and either mathematics or further mathematics (minimum grade A) - ABBC including grades AB in physics and either mathematics or further mathematics IB: Pass, with 36-34 points overall with 18-17 points at Higher Level, including 6 at Higher Level in Mathematics (Analysis and Approaches or Applications and Interpretation) and 6 at Higher Level in Physics	This course is accredited by the Institute of Physics (IOP).
	Physics (MPhys) (F303)	4 years			
St Andrews	Physics (F301)	4 years	31,670	A-level: AAA-AAB, including A in both Mathematics and Physics. IB: 36 (HL 6,5,5) to 38 (HL 6,6,6), including HL5/HL6 in both Mathematics and Physics.	All St Andrews Physics and Astronomy degree programmes are accredited by the Institute of Physics (IOP).
	Physics (MPhys) (F300)	5 years			
Strathclyde	Physics (F300)	4 years	27,800	A-level: BBB (Physics B, Mathematics B) IB: 30 points (Physics HL5, Mathematics HL5) 2 nd year entry: 32 points (Physics HL6, Mathematics HL6)	Accredited by the Institute of Physics for the purpose of fully meeting the educational requirement for Chartered Physicist.
	Physics (MPhys) (F303)	5 years			

Name of University	Course Title & UCAS Code	Course Duration	Tuition fees (£) per academic year 2025	Entry Requirements	Remarks
Surrey	Physics (F300)	3 years	25,900	A-level: ABB, including Mathematics and Physics. Applicants taking the Science Practical Endorsement are required to pass. IB: 33 points, with HL5/SL6 in Mathematics and Physics.	BSc (Hons) degree is accredited by the Institute of Physics (IOP) for the purpose of partially meeting the educational requirement for Chartered Physicist. MPhys degree is accredited by the Institute of Physics (IOP) for the purpose of fully meeting the educational requirement for Chartered Physicist.
	Physics (MPhys) (F303)	4 years			
Sussex	Physics (F300)	3 years	26,000	A-level: BBB-BBC, must include Mathematics. Physics A-level is desirable but will consider applicants on a case-by-case basis without it. IB: 30 points overall, IB Higher Levels must include Mathematics, with a grade of 5.	Accredited by the Institute of Physics (IOP) for the purpose of fully meeting the educational requirement for Chartered Physicist
	Physics (MPhys) (F303)	4 years			
Swansea	Physics(F300)	3 years	24,000	A-level: AAB-BBC including Mathematics and Physics. IB: 32 overall with 5 in Higher Level Mathematics and Physics.	This course is accredited by the Institute of Physics (IOP).
	Physics (MPhys) (F303)	4 years			
Warwick	Physics (F300)	3 years	33,520	A-level: A*AA, to include A in Mathematics (or Further Mathematics) and Physics. IB: 38 points, to include 6 in Higher Level Mathematics ('Analysis and Approaches' only) and Higher-Level Physics.	This course is accredited by the Institute of Physics (IOP).
	Physics (MPhys) (F303)	4 years			
York	Physics (F300)	3 years	31,100	A-level: AAB including A in both Physics and Mathematics. This must include a pass in all practical components (where offered). IB: 35 points overall, including 6 in Mathematics (either Analysis and Approaches or Applications and Interpretations) and Physics at Higher Level.	The courses are accredited by the Institute of Physics (IOP) guaranteeing the standard of the teaching and learning. Completing this degree will put you on track to becoming a Chartered Physicist.
	Physics (MPhys) (F303)	4 years			

Entry Requirements

Universities will generally ask for 3 A-Levels subjects, including Physics and Mathematics at A-Levels, or Higher Level for International Baccalaureate (IB). You need to have a Pass in the Practical Assessment in the newly reformed science A-Levels. Students should have achieved GCSE Mathematics at Grade C or 4.

Although Further Mathematics at A-Levels is not a requirement, it is looked on favourably by admission tutors at the more competitive universities.

For entry requirements for MPhys or MSci courses, please check the specific universities' websites.

An Academic Technology Approval Scheme (ATAS) clearance certificate may be required in order to study this programme at some universities. More information and details on how to apply for your ATAS certificate can be found at [GOV.UK](https://gov.uk).

Selectors' Attitude

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

Personal Statement

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

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

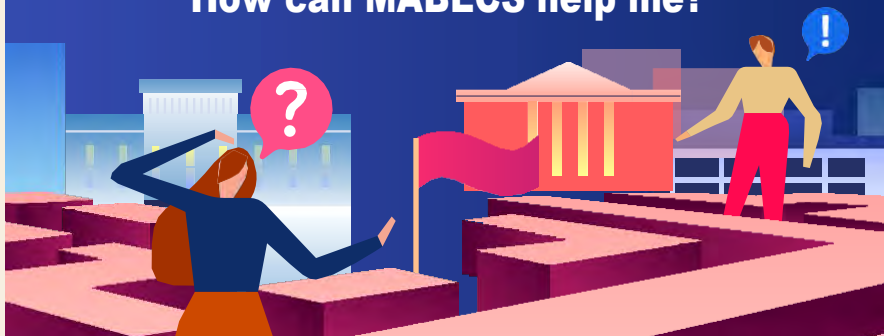
As a physics graduate, you will be eligible for a wide variety of job opportunities, both within the field of physics and outside of it. Options include:

- Aerospace engineering: Researching and developing aircraft and spacecraft
- Climate forecasting: Working with the technology that predicts future weather events
- Medical technology: Designing and developing the medical devices and information technology that is used to diagnose, monitor and treat medical conditions
- Renewable energy: Collaborating with other scientists and engineers to develop efficient and functional energy which systems harness the Earth's energy sustainably and cost-effectively
- Robotics and artificial intelligence: Designing and creating the machinery of the future
- Education: Teaching or lecturing



NOTES

“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.

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

3

PRE-DEPARTURE HELP

MABECS provides guidance on:

- visa applications
- accommodation arrangements
- flight bookings



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

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

**Saturdays Sundays and public
holidays:** Closed



UK degree applications made easy.

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



Student-centered

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



Free Consultation

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



Accessible

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