

SUBJECTS REQUIRED FOR DIFFERENT DEGREE COURSES



Linking A Level subjects to your
degree choice

HASMONEAN

A stylized graphic of a menorah, consisting of a central vertical stem with a horizontal base and seven curved branches extending upwards and outwards, resembling the menorah on the Temple Mount.

אל תקרי בניך אלא בוניך

University List: 2022 entry

Goldsmiths

London Metropolitan

Middlesex

University of Westminster

Bayes Business School

Greenwich

Southbank

Brunel

West London

London School Fashion

East London

Royal College Music

London School Economics

Imperial

Kings

Queen Mary

UCL

Manchester

Leeds



Nottingham



Bristol

University Degrees – A-Level Requirements

2022 Entry

This is not an exhaustive list of all the London University courses – the universities offer many more courses however, the entry requirements are representative of many of the courses not listed.

			
Degree Course	A-Level 1	A-Level 2	A-level 3
LLB Hons Law	Any Grade A	Any Grade A	Any Grade B
BA Economics	Any Grade B	Any Grade B	Any Grade B
BA Journalism	Any Grade B	Any Grade B	Any Grade B
Bsc Computer Sc	Any Grade B	Any Grade B	Any Grade B
Sociology	Any Grade B	Any Grade B	Any Grade B
Sociology & Politics	Any Grade B	Any Grade B	Any Grade B
			
Degree Course	A-Level 1	A-Level 2	A-level 3
Accounting & Finance	C Grade any	C Grade any	C Grade any
Architecture	B Grade in Humanities or Soc Sciences	B Grade any	B Grade any
Business Management	C Grade Business or academic subject	C Grade academic subject	C Grade academic subject
Economics	C Grade any	C Grade any	C Grade any
Chemistry	C in Chemistry	B Grade any	C Grade any
Education	B Grade any	C Grade any	C Grade any
Fashion	B Grade Humanities subjects/Arts	C Grade Humanities/Arts	C Grade Humanities/Arts
Health Soc Care	B Grade A Level	C Grade A Level	C Grade A-Level
Journalism	B Grade A Level	C Grade A Level	C Grade A Level
Law	B Grade A Level	C Grade A Level	C Grade A Level
Marketing	C Grade Academic A-Level	C Grade Academic A-Level	C Grade Academic A-Level
Mathematics	C Grade A Level (Maths or numerate)	C Grade A Level	E Grade A Level

Pharmaceutical Science	C in Biology	C in Chemistry	C Grade any
Politics	C Grade any	B Grade any	C Grade any
Textiles	B Grade relevant A-Level (art/design)	C Grade relevant subject	C Grade relevant subject
 Middlesex University London			
Degree Course	A-Level 1	A-Level 2	A-level 3
Mathematics	BBC to BBB A Levels including Mathematics 112-128 UCAS Points		
Accounting & Finance	BCC to BBC A-Levels 104 – 112 UCAS Points		
Computer Systems Engineering	BCC to BBC A-Levels 104 – 112 UCAS Points GCSE English and Maths Grade C		
Economics	BCC to BBC A-Levels 104 – 112 UCAS Points		
Creative Media & Journalism	BBC to BBB A Levels including Mathematics 112-128 UCAS Points		
Midwifery	BBB A Levels 56-64 UCAS Points – demonstrate experience of working – not necessarily in midwifery		
Nursing	BBC A-Levels - demonstrate experience of working – not necessarily in nursing		
Psychology	BBC – BBB A Levels any		
Criminology	BBC – BBB A Levels any		
Biology	BBC – BBB A Levels including Grade C in Biology		
English	BBC – BBB A Levels any		
Most courses require 112 UCAS points and 32 points in specialist area subject A-Level			
 UNIVERSITY OF WESTMINSTER			
Degree Course	A-Level 1	A-Level 2	A-level 3
Accounting Bsc	B Grade any	B Grade any	B – A Grade any
Bio Med Science Bsc Hons	CCC to BBB to include two science subjects from Biology, Chemistry, Physics or Maths – extended Diplomas welcome		
Architecture BA	BBB to AAB 120 -136 UCAS Points		
Biochemistry Bsc	CCC-BBB 96-120 UCAS Points		

Bus Management BA	B Grade any A Grade any	B Grade any B Grade any	C Grade any B Grade any 112-128 UCAS Points
Computer Sci Bsc	CCC-BBB 96-120 UCAS Points		
Criminology BA Hons	BCC to BBB (104 to 120 UCAS Tariff points)		
Economics BSc	BBC to ABB (112 to 128 UCAS Tariff points)		
Finance	BBB to AAB (120 to 136 UCAS Tariff points)		
History & Politics	BCC to BBB (104 to 120 UCAS Tariff points), with a Humanities or Social Sciences subject		
Politics BA	BCC to BBB (104 to 120 UCAS Tariff points)		
Law	BBC to ABB (112 to 128 UCAS Tariff points)		
Psychology	BCC to BBB (104 to 120 UCAS Tariff points)		



Bayes Business Sch/City Uni Formally CASS

Degree Course	A-Level 1	A-Level 2	A-level 3
Accounting & Finance	A Grade any	A Grade any	A Grade any
Actuarial Science	A* Maths	A Grade any	A Grade any
Business Management	A Grade any	A Grade any	A Grade any
Finance	A Grade any	A Grade any	A Grade any
Banking & International Finance BA	A Grade any	A Grade any	A Grade any



Degree Course	A-Level 1	A-Level 2	A-level 3
Accounting & Finance	120 UCAS Points from A-Levels, including two at grade C		
Adult Nursing	112 UCAS Points from A-Levels		
Applied Bio-medical science	A-level: 104 points 32 points form Bio and Chem – 3 A Levels needed		
Biology	A-Level:32 Points from biology – 3 A Levels		

Business Studies	112 UCAS points from A-Levels
Chemical Engineering	112 Points A-level: 32 Points from Mathematics, a physical science or a numerate subject
Civil Engineering	112 Points A-level: 32 Points from Mathematics, a physical science or a numerate subject
Computer Science	104 UCAS points
Economics	120 UCA points from at least 2 A levels
Electronic Engineering	112 Points A-level A-Level 32 Points from Maths, a Physical Sci or a numerate subject
History	104 UCAS Points from A-Levels
Law	120 UCAS points from A-levels
Mathematics	104 UCAS points including grade C or higher in A-Level Mathematics
Midwifery	112 UCAS points
Mechanical Engineering BEHons	112 Points from 3 A-level: 32 Points from Mathematics, a physical science or a numerate subject
Biology Bsc	104 UCAS points typical offer A Level: 32 Points from Biology



Degree Course	A-Level 1	A-Level 2	A-level 3
Accounting & Finance	B grade any	B grade any	B grade any
Adult Nursing Bsc	B grade any Or A* (1 st A-Level)	B grade any Or A* (2nd A-Level)	C grade any
Psychology Bsc	B grade any	B grade any	B grade any
Bus Management & Marketing	B grade any	C grade any	C grade any
Sociology	B grade any	C grade any	C grade any
Media Production BA	B grade any	C grade any	C grade any
Midwifery	B grade any	B grade any	B grade any
Economics	B grade any (112 UCAS points)	C grade any	C grade any

Law LLB	A grade any	A grade any	B grade any
Computer Science	B grade any	B grade any	B grade any
Forensic Science	96 UCAS Points and an A Level from Biology Chemistry or Physics		



Degree Course	A-Level 1	A-Level 2	A-level 3
Accountancy Bsc	B grade any	B grade any	B grade any
Aerospace Engineering	A grade any	B Maths	B Science or related e.g. Geography
Chemical Eng	B Maths	B related science	B other
Bio med Science	B in Science (Bio/Ch/Ph)	B any	B any
Civil Engineering	A grade	B related science	B Maths
Communication & Media	B grade any	C grade any	C grade any
Computer Science	B grade any	B grade any	B grade any
Economics	B Maths/statistics	B grade any	B grade any
Education	C grade any	C grade any	C grade any
English	B grade any	B grade any	C grade any
History Int Rel	B grade any	B grade any	B grade any
Law LLB	A grade any	B grade any	B grade any
Psychology	B grade any	B grade any	B grade any
Adult Nursing	B grade any	B grade any	C grade any
Politics	B grade any	B grade any	B grade any



Degree Course	A-Level 1	A-Level 2	A-level 3
Midwifery	120 UCAS A Level any	A Level any	A Level Science
Accounting & Finance	B grade any 112-120 UCAS Points	B grade any	C grade any
Adult Nursing	B grade any 112 UCAS Points	B grade any	C grade any

Business & Digital Management	B grade any 112 UCAS Points	B grade any	C grade any
Fashion & Textiles	B grade any	B grade any	C grade any
Business Economics	B grade any 112 UCAS Points	B grade any	C grade any
Civil Engineering	B grade Maths/Physics (120 UCAS Points)	B grade any	B grade any
Computer Science	B grade any (112 UCAS Points)	B grade any	C grade any
Maths and Statistics	B grade any (120 UCAS Points)	B grade any	B grade any
Biomed Science	B Grade Science 112-120 UCAS Points	B grade any	B Grade any

Under-graduate degrees in Fashion and Textiles, English and Film, Finance and Management and Forensics, Healthcare, Hospitality and Photography etc. require 112 - 12-UCAS points or BBC grade A-Levels



Royal College of Art

Degree Course	A-Level 1	A-Level 2	A-level 3
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The RCA offers Graduate Diploma, MA, MRes, MPhil and PhD degrees across the art and design disciplines.

ual: london college
of fashion

Degree Course	A-Level 1	A-Level 2	A-level 3
3D effects for performance and fashions	112 UCAS Points A-Level grades A*-C Art, Design English, Film, Drama	A Level grades A*-C Art, Design English, Film, Drama	Ideally 3 rd A-Level
Bespoke Tailoring	112 UCAS Points A-Level C grade and above: English, Maths, Science, Art, Design, Textiles	A-Level C grade and above: English, Maths, Science, Art, Design, Textiles	Ideally 3 rd A-Level
Costume for Performance	112 UCAS Points A Level grades A*-C Art, Design English, Film, Drama	A Level grades A*-C Art, Design English, Film, Drama	Ideally 3 rd A-Level

Fashion Buying	112 UCAS Points A Level grades A*-C: Maths, Econ, Business, Psych, Languages, Sciences	A Level grades A*-C: Maths, Econ, Business, Psych, Languages, Sciences	Ideally 3 rd A-Level
Fashion Marketing	112 UCAS Points A Level grades A*-C: Maths, Econ, Business, Media, Languages, Psychology	A Level grades A*-C: Maths, Econ, Business, English, Languages, Psychology	Ideally 3 rd A-Level

Royal College of Music



ROYAL COLLEGE OF MUSIC

London

Degree Course	A-Level 1	A-Level 2	A-level 3
Batchelor of Music	Entry based on standard of musical performance		



Degree Course	A-Level 1	A-Level 2	A-level 3
Geography	A Grade any	A Grade any	A Grade any
Anthropology	A Grade any	A Grade any	B Grade any
Social and Law			
History	A Grade any	A Grade any	A Grade any
Accounting & Finance	A Grade Maths	A Grade any	A Grade any
Actuarial Science	A Grade Maths	A Grade any	A Grade any
Economic History	A Grade any	A Grade any	B Grade any
Economics	A* Grade Maths	A Grade any	A Grade any
Finance	A* Grade Maths	A Grade any	A Grade any
History & Politics	A Grade any	A Grade any	A Grade any
International Relations	A Grade any	A Grade any	A Grade any
Philosophy & Economics	A Grade Maths	A Grade any	A Grade any






Degree Course	A-Level 1	A-Level 2	A-level 3
Biochemistry	A Chemistry	A Biology/Maths/Physics	A another A-Level
Chemistry	A Chemistry	A Maths	A in Physics/Biology/Econ
Computing	A* in Maths	A* (Further Maths/Computing recommended)	A other subject (Comp recommended)
Electrical Engineering	A* in Maths	A in Physics	A in related A Level
Geophysics	A in Maths	A in Physics	A in other A Level
Mathematics	A* in Maths	A* in Further Maths	A in other A Level
Medicine MMBS	A in Biology	A in Chemistry	A in other A Level
Physics	A* Maths	A*/A Physics	A*/A other A Level Related subjects pref Further Maths

Degree Course	A-Level 1	A-Level 2	A-level 3
English with film studies	A Grade English Lit or Lang (combined)	A Grade Preferred Arts-related subject	A Grade Preferred Arts-related subject
Music	A Grade Music	A Grade Other A-Level	B Grade Other A- Level
Biochemistry	A Grade any	A Grade Biology or Chemistry	B Grade Biology or Chemistry
Pharmacology	A Grade	A Grade Biology or Chemistry	B Grade Biology or Chemistry
Neuroscience	A Grade	A Grade Biology or Chemistry	B Grade Biology or Chemistry
Nutrition	A Grade	B Grade Biology or Chemistry	B Grade Biology or Chemistry
Medical Psychology	A Grade	A Grade Biology or Chemistry	B Grade Biology or Chemistry


Chemistry	A Grade in Biology/Maths/ Physics	B Grade – other – preferably related	A Grade Chemistry
Computer Sci	A * Grade Maths/Further Maths	A* Grade Computer Science preferred	A Grade – preferred related subject
Dentistry BDS	A* Grade – Related subject preferred	A Grade Bio, Chem,	A Grade Physics, Maths, Psych
Electronic Engineering	A Grade Maths or Physics	A Grade any	A Grade other A-Level
General Engineering	A Grade Maths or Physics	A Grade any	A Grade other A-Level
Accounting & Finance	A Grade Maths	A* Grade other A-Level	A Grade other A-Level
Geography	A Grade any A-Level	A Grade any A-Level	B Grade any A-Level
History	A Grade History expected	A Grade any A-Level	A Grade any A-Level
English	A Grade English Lit or Lang	A Grade any A-Level	A Grade any A-Level
Modern Languages	A Grade in language e.g. French German	A Grade any A-Level	B Grade any A-Level
Law	A* Grade any A-level	A Grade other A-Level	A Grade other A-Level
Politics Philosophy & Law	A* Grade any A-Level	A Grade other A-Level	A Grade other A-Level
Economics & Management	A* Grade any A-Level	A Grade Maths	A Grade in a Humanities or Soc Science
Medicine MBBS	UCAT A* any or A-Level preferred related	A Grade min Chemistry or other	A Grade min Biology or other
Maths	A* Grade Maths or Further Maths	A Grade Maths or Fur Maths	A Grade other A-Level
Midwifery	A Grade preference science/psychology	B Grade preferred science or psychology	B Grade – preferred related
Physics	A Grade Physics	A Grade Maths	B Grade other
Economics	A* any A-Level	A Grade any A-Level	A Grade Maths
Philosophy Politics Econ (PPE)	A* any A-Level	A Grade any A-Level	A Grade any A-Level

Degree Course	A-Level 1	A-Level 2	A-level 3
Accounting & Finance	A grade any	A grade any	A grade any
Astrophysics	A grade min Maths or Physics	B grade preferred related	B grade any
Biochemistry	A grade A-Level	B grade A-Level	B grade Chemistry min
Biology	A grade A-Level	B grade A-Level	B grade Biology min
Chemistry	A grade A-Level	B grade A-Level	B grade Chemistry
Business with Law	A grade any	A grade any	A grade any
Computer Science	AAB grades ideal or A grade any	B grade Maths	B Grade Comp Science
Dentistry	A* Biology or Chemistry, and a second science (Chemistry, Biology, Physics or Mathematics)	A Biology or Chemistry, and a second science (Chemistry, Biology, Physics or Mathematics)	A
Economics	A grade Maths	A grade any	A grade any
English	A*-A English Lit or Lang	B any A-Level	B any A-Level
Medical Genetics	A grade any	A grade any	B grade Biology
History	A grade any	B grade History min	B grade
Law	A* any	A any	A any
Law & Politics	A any	A any	A any
Mathematics	A*-A Maths	A any	B any
Mech Eng	A grade any	A grade any	B grade min Maths/Physics/Chem
Mod Languages	B grade any	B grade any	B grade any (essay based) and French GCSE if studied
Politics	A grade any	A grade any	B grade any
Psychology	A grade any	A grade any	B grade (science, psychology or maths)

Zoology	A grade any	B grade any	B grade Biology
			
Degree Course	A-Level 1	A-Level 2	A-level 3
Architecture	A Grade any A-Level (need portfolio)	A Grade any A-Level	B Grade any A-Level
Urban Planning & Real Estate	A Grade any A-Level	A Grade any A-Level	B Grade any A-Level
Biochemistry	A Grade Biology	A Grade Maths/Physics	A Grade Chemistry
Pharmacology	A Grade Chemistry	A Grade from Bio/Maths/Physics	B Grade from any A- level
Computer Science	A* Grade Maths	A* any related A-Level	A any related A-Level
Chemistry	A Chemistry	A Biol/Maths/Physics	A Any
Economics	A* Grade Maths	A Economics preferred	A Grade other
Geography	A Grade any related A- Level	A Grade other A-Level	A Grade other A- level
Philosophy Politics Econ (PPE)	A* Grade in Maths	A Grade any A-Level	A Grade any A-Level
Physics	A Maths	A Physics	A Any
Civil Engineering	A* Grade any A-Level	A Grade any A-Level	A Grade any A-Level
Biomed Engineering	A Grade Maths	A Grade Physics	A Grade other A- Level
Mathematics	A* Maths A-Level	A* Grade Fur Maths A- Level	A* other A-Level
Statistics	A* Maths A-Level	A Fur Maths A-Level preferred	A Grade other A- Level
Law	A* Grade any A-Level	A* Grade any A-Level	A Grade any A-Level
Medicine	A* Chemistry or Biology	A Chemistry or Biology	A any or related
 University of East London			
Degree Course	A-Level 1	A-Level 2	A-level 3
Accounting & Finance	Any A Level 112 UCAS in total	Any A Level	
Advertising	Any A Level	Any A Level	

	112 UCAS in total		
Biochemistry & Biotechnology	112 UCAS in total – Science A-Levels	Any A Level	
Business Law	Any A Level 112 UCAS in total	Any A Level	
Chemistry	Grade B Biology or Chem A Level 112 UCAS in total	Any A Level	
Civil Eng	Grade C Maths A Level 112 UCAS in total	Any A Level	
Computer Sci	Maths or equivalent A Level 112 UCAS in total	Any A Level	
Criminology & Justice	Any A Level 112 UCAS in total	Any A Level	
Economics	Any A Level 112 UCAS in total	Any A Level	
Events Management	Any A Level 112 UCAS in total	Any A Level	
Graphic Design	Any A Level 96 UCAS in total	Any A Level	
HR Management	Any A Level 112 UCAS in total	Any A Level	
Journalism	Any A Level 112 UCAS in total	Any A Level	
			
Degree Course	A-Level 1	A-Level 2	A-Level 3
Accounting	Grade A Any A-Level	Grade A Any A-Level	Grade A Any A-Level
Nursing Adult	Grade B	Grade B	Grade C – one science-related subject
Architecture	Grade A	Grade A	Grade A Mix of Maths, Science, Humanities preferred

Biochemistry	A*-A Grades Chemistry needed	A-B Grades Bio/Physics/Maths	A-B Grades Chemistry needed
Biology	A*-A Grades Two A-Levels from Bio/Chem/Phy/Maths	A-B Grades Bio/Phy/Maths/Chem	A-B Grades –related preferred
Chemistry	A Grade Chemistry	A Grade Maths or Science subjects	A Grade
Computer Science	A* Maths	A* Science subject	A* -related ideal or other
Dentistry	A Grade Chemistry	A Grade Biology/Human Bio	A Grade
Economics	A Grade Maths	A Grade other	A Grade other
Electronic Engineering	A Grade Maths	A Grade Physics or Electronics, Chem, Comp Science, F Maths	A Grade other
English Lang	A Grade any	A Grade any	B Grade any
English Lit	A Grade	A Grade	A-B Grade English Lit
Econ Finance	A Grade academic	A Grade academics	A Grade academic
Geography	A Grade any	A Grade any	B Grade any
History	A Grade any	A Grade any	A-B Grade History
Management (Acc & Finance)	A Grade any	A Grade any	A Grade any
Mathematics	A* Grade Mathematics	A Grade Further Maths preferred	A Grade any
Mechanical Engineering	A Grade Maths	A Grade Physics	A other subjects
Medicine	A Grade Chemistry or Biology	A Grade 2nd Science	B Grade –related or other A-Level
Midwifery	A Grade other	B Grade min in Bio/Chem/Appl Science	B Grade other
Music	A Grade Music	A Grade other	B Grade other plus grade 7 theory
Optometry	A Grade	A Grade (science subject inc maths)	A-B Grade (science subject inc maths)
Pharmacology	A*-A Grade core science	A-B Grade core science	A-B Grade
Physics	A* Physics	A* Maths	A* Other/related


Politics Philosophy Economics	A Grade any academic	A Grade any academic	A Grade any academic
Psychology	A Grade – Science, Psych, Maths, Geog	A Grade – Science. Psych, Maths, Geog	A-B Grade other
Sociology	A Grade any	B Grade any	B Grade any
			
Degree Course	A-Level 1	A-Level 2	A-Level 3
Art and Design	A Grade any	B Grade any	B Grade min Art and design related A-Level
Business Management with Marketing	A Grade any	A Grade any	A Grade any
History of Art	A Grade any	B Grade any	B Grade any
Journalism	A Grade any	A Grade any	B Grade any
Biochemistry	A Grade – science- Bio A grade preferred if only science.	A Grade – related	B Grade – min grade science related or other – Maths/Phys
Biology	A Grade - Bio A grade preferred if only science.	A Grade – preferred science	B Grade – Biology min
Education	A Grade any academic	B Grade any academic	B Grade any academic
Sociology	A Grade any social science/humanities/arts	B Grade any academic social science/humanities/arts	B Grade any academic
Accounting & Finance	A Grade any	A Grade any	A Grade any
Economics	A Grade any	A Grade any	A Grade any
Phil Politics & Econ	A Grade any	A Grade any	A Grade any
Civil Engineering	A Grade Maths	A Grade related	A Grade related

Computing	A Grade Maths or Computing	A Grade related	A Grade related
English Lit	A Grade English Lit or Lang	A Grade related	A Grade related
History	A Grade History if taken	A Grade related	A Grade related
Geography	A Grade	A Grade	A-B Grade social science or humanities subject
European Language	A Grade other	B Grade in language	B Grade other
Law	A* Grade academic	A Grade academic	A Grade academic
Politics	A* Grade academic	A Grade academic	B Grade academic
Maths	AAA/A*AB including Grade A in Mathematics		
Physics	A Grade Maths or Physics	A Grade - related	B Grade Maths or Physics
Dental Surgery	A Grade Biology	A Grade Chemistry	A Grade other related
Medicinal Chemistry	A Grade academic	A Grade academic	B Grade min Chemistry
Midwifery	A Grade related/any	B Grade Biology	B Grade related/any
Psychology	AAA to include one or more of: psychology, geography, mathematics, chemistry, biology, physics, geology, economics, statistics, environmental science or computing.		
Sports Science	A Grade	A Grade	B Grade science subject min
Music	A Grade	A Grade	B Grade Music subject min Musical literacy



Degree Course	A-Level 1	A-Level 2	A-Level 3
Accountancy	A Grade any	A Grade any	B Grade any
Architecture	A Grade any	A Grade any	A Grade any GCSE 5 in Maths/English and Science
Biochemistry	A Grade	A Grade Chemistry and other science	B Grade Chemistry and other science

Biology	A Grade	A Grade Biology and other science	B Grade Biology and other science
Chemistry	A-A Grade Chemistry	A-B Grade	B Grade (Maths and Eng grade 4)
Civil Engineering	A Grade	A Grade	B Grade (Maths needed and physics preferred) Econ and other sciences
Computer Science	A Grade	A Grade	A-B Grade (B grade if A—Level in Comp Sci)
Economics	A* Grade	A Grade	A (GCSE 7 in Maths)
Education	A Grade	B Grade	B Grade
Elec Engineering	A Grade	A-B Grade	A-B Grade (Maths and Science A-Levels)
English	A Grade (English Lit or Lang)	A Grade	A Grade
Geography	A Grade	A Grade	B Grade (Maths GCSE 4)
History	A Grade History	A Grade	B Grade
Law	A Grade any	A Grade any	A Grade any
Maths	A*AA – A*AB	At least A Grade Maths	
Mechanical Eng.	A Grade	A Grade	B Grade (Maths needed and physics preferred) Econ and other sciences
Medicine BMBS	A Grade	A Grade	A Grade
Midwifery	A Grade	B Grade	B Grade (Science e.g. Bio or Chem)
Mod Lang	A Grade	B Grade	B Grade (Inc language e.g. French/German)
Music	A Grade	B Grade	B Grade Music and Theory Grade 5
Nursing Adult	B Grade	B Grade	B Grade (Science needed e.g. Bio.Chem)
Physics	A* Grade either Maths or Physics	A* Grade either Maths or Physics	A Grade

Psychology	AAA-BBB	Science subject needed (AAA required without)	
Sociology	A Grade any	B Grade any	B Grade any
Statistics	A*AA/AAA/A*AB	At least A Grade in Maths	
Vet Science	A Grade Biology	A Grade Chem	B Grade
			
Degree Course	A-Level 1	A-Level 2	A-Level 3
Accountancy & Finance	AAA including Mathematics, or A*AB including A in Mathematics		
Biochemistry	A Grade Chemistry	A Grade other science/maths	A Grade
Business & Management	A*-A any	A Grade any	A-B Grade any
Chemistry	A Grade Chemistry	A Grade	A Grade
Civil Eng	A*AA including A*A (in any order) in Mathematics and a science-related subject		
Comp Science	A* Maths	A Grade	A Grade
Dentistry	A Grade	B Grade Biology	B Grade
Economics	A*	A Grade Maths	A Grade
English	A Grade Eng Lit	A Grade	A Grade
Mod Lang	A Grade	B Grade in Lang e.g French	B Grade
Geography	AAA in any subjects, or AAB in three specified subjects		
History	A Grade History	A Grade	A Grade
Law	A*AA or A*A*B any		
Mathematics	A* Maths	A* Grade	A Grade in numerate of maths-related
Pharmacology	A Grade Chemistry	A Grade	B Grade – other science
Physics	A*AA including A*A (in any order) in Mathematics and Physics		
Psychology	A*AA including A in a science-related subject		
Vet Science	AA including Chemistry and one of Biology, Physics or Mathematics.		

What A-Levels for Degree Subjects?

Most **Science subjects** at university (Medicine, Veterinary Science, Biology, Chemistry, Chemical Engineering, Biochemistry) require Chemistry. These subjects also require another science, many preferring Biology.

For **Medicine and Veterinary Science**, it is best to take Chemistry, Biology and one from either Maths or Physics. This way you will keep the vast majority of medical schools open to you.

All **Language courses** at university require the language being studied and the top universities prefer a second language.

Most **Engineering** courses require Maths and Physics

Most **Economics courses** require Maths and certain universities like Further Maths (although they will rarely explicitly say so).

Most **English** courses require English Literature – English Language on its own is not sufficient.

Humanities courses such as History and Geography require that subject at A level.

Natural Sciences, Materials Science, Biomedical Sciences, Environmental Science, Optometry and Earth Sciences (Geology) require two from Biology, Chemistry, Maths or Physics.

Many **Sports Science** courses want to see one from Chemistry, Biology, Maths or Physics. Some may treat PE as a science.

Nursing and Midwifery require Biology or another science.

Leading **Psychology** courses request one from Chemistry, Biology, Maths or Physics.

Most **Physiotherapy** courses will consider you with just Biology. However many require a second science subject from Chemistry, Physics or Maths.

Some **Architecture** courses want an arts and science mix. Many also ask for an art and design portfolio to demonstrate artistic skills so an Art or Design and technology A level may be critical.

Physics courses require Physics and Maths.

Maths courses require Maths and preferably Further Maths.

Actuarial Science requires Maths

Accountancy generally does not stipulate although one or two universities prefer Maths.

Some **Management Studies** and **Computer Science** courses prefer Maths.

Most traditional **Music** courses require Music and grade VII / VIII

Art & Design courses require Art or Design Technology including AGCE/National.

Some **Drama** courses require English Literature and for a few courses English and/or Theatre Studies.

For **Classics** courses Latin or Ancient Greek are required

Some **Occupational Therapy** courses ask for Biology.

In terms of **Teaching**, most A levels count. You need at least one from Art, Biology, Chemistry, Computing, Design and Technology, Drama (Theatre Studies), English, French, Geography, German, History, ICT, Italian, Mathematics, Music, Physics, Physical Education, Religious Studies (Theology) or Spanish.

Business Studies, Law, Anthropology, Archaeology, History of Art, Religious Studies, Politics, Philosophy, Sociology, Media Studies and **Surveying** do not stipulate any mandatory A levels. Although some Law degrees and Media studies courses stipulate English.

- **THIS IS ONLY A GUIDE BASED ON RUSSELL GROUP UNIVERSITIES**
- **ALWAYS CHECK ENTRY REQUIREMENTS FOR THE UNIVERISTY OF YOUR CHOICE**

Degree Subject	Essential Advanced Subject	Useful Advanced Subjects
Accountancy/Banking Finance/Insurance	Some but not all require Maths	Maths, Business studies and Economics
Actuarial Science/Studies	Maths	Further Maths, Economics, Business studies
Aeronautical Engineering	Maths and Physics	Further Maths, Design Technology
American Studies	Requirements vary but English and/ or History are often asked for	Politics
Anthropology	None	A small number of courses like a Science AS Level such as Biology, Sociology is also very relevant.
Archaeology	None	Geography, History or Science subjects can all be useful
Architecture	Some courses say they want an Arts/Science mix. Some may require Art.	Art, Maths, Design Technology and Physics. National Art and Design may also be useful. Do note that a portfolio of drawings and ideas may be asked for.

Degree Subject	Essential Advanced Subject	Useful Advanced Subjects
Art and Design	Art/Design Technology.	Design Technology, Art. Note that most entrants onto Art and Design degrees will have completed a one-year Art Foundation course after Year 13.
Biochemistry	Always Chemistry and some degrees ask for Biology in addition. Some state Chemistry plus one from Maths/Physics, Biology.	Biology, Maths, Further Maths, Physics.
Biology	Biology,	Chemistry, Maths or Physics, some will accept Psychology
Biomedical Sciences (including Medical Science)	Normally two from Biology, Chemistry, Maths and Physics. Some will accept Psychology as a second science related subject.	Maths, Further Maths, Biology, Chemistry, Physics, Psychology.
Business studies	None	Maths, Business studies and Economics
Chemical Engineering	Chemistry and Maths and sometimes Physics as well.	Physics, Biology, Further Maths.

Degree Subject	Essential Advanced Subject	Useful Advanced Subjects
Chemistry	Chemistry and occasionally Maths, Most courses want this or Chemistry and one other Science (Physics or Biology).	Maths, Further Maths, Physics and Biology.
Childhood Studies	None	CACHE, Psychology, Sociology.
Classical studies	For Classics courses Latin or Ancient Greek are required. For Classical studies/civilisation courses most subjects will be considered.	Modern foreign languages, English Literature, History.
Computing	For some courses Mathematics	Maths, Further Maths, Computing, Physics, Philosophy, ICT
Dentistry	Chemistry and Biology for most courses but some require Maths or Physics as well.	Maths, Physics, Further Maths.
Dietetics	Chemistry, Biology	Maths
Drama	Some courses require English Literature and for some courses English and/or Theatre studies.	English Literature, English Literature and Language. Theatre studies.

Degree Subject	Essential Advanced Subject	Useful Advanced Subjects
Economics	Usually Maths	Economics
Electrical/Electrical Engineering	Maths, Physics	Further Maths, ICT, Design Technology.
Engineering (General)	Maths and Physics	Further Maths, Design Technology
English	English Literature (some courses will accept English Language)	History, RE, a foreign language.
Environmental Science/Studies	Many courses will ask for two from Biology, Chemistry, Maths, Physics and Geography.	Another facilitating subject particularly a science.
European Studies	A modern foreign language	Another foreign language, English Literature, History, Politics
French	French	Another foreign language, English Literature, History, Politics
Geography	Most degrees require Geography	Some Geography BSc (science) degrees prefer one from Biology, Chemistry, Maths or Physics.
Geology/Earth Sciences	Usually two from Maths, Physics, Chemistry and Biology.	Geography, Geology

Degree Subject	Essential Advanced Subject	Useful Advanced Subjects
German	German (a handful of universities offer the opportunity to study German from scratch, without German A level).	Another modern foreign language, English Literature, History, Politics.
History	Most degrees require History.	Economics, English Literature, Philosophy, Politics, Sociology, Theology/RE, a modern or classical language.
History of Art	None	Art, English Literature, History, Theology/RE, French, German, Spanish, Italian.
Italian	Italian or another foreign language such as French, German or Spanish.	Another modern language, English Literature, History, Politics.
Law	Usually none, although a few universities require English.	History, other facilitating subjects. Essay report writing useful. History gives good relevant skills for Law but is not essential.
Management Studies	Sometimes Maths.	Maths, Economics, Business studies may be useful.

Degree Subject	Essential Advanced Subject	Useful Advanced Subjects
Materials Sciences (including Biomedical Materials Sciences)	Normally two from Chemistry, Maths, Physics, Biology (also Design Technology for some universities)	Chemistry, Design and Technology, Further Maths.
Mathematics	Maths and sometimes Further Maths.	Further Maths, Physics.
Mechanical Engineering	Maths, Physics	Further Maths, Design Technology. Mechanical Engineering departments may have a preference for Maths A2 with a strong mechanics component.
Media Studies/Communication studies.	A few courses ask for English or Media studies.	English, Media studies, Sociology, Psychology.
Medicine	Chemistry and Biology A-Levels	
Music	Traditional courses ask for Music and Grades.	Some ask for one essay writing subject.

Degree Subject	Essential Advanced Subject	Useful Advanced Subjects
Nursing and Midwifery	Usually Biology or another Science.	Biology, CACHE, Sociology, Psychology, Chemistry.
Occupational Therapy	Some courses ask for Biology.	Psychology, Physical Education, Sociology or another Science.
Optometry (Ophthalmic Optics)	Two from Biology, Chemistry, Maths or Physics. Some require Biology as one of the choices.	Further Maths.
Orthoptics	Biology	Chemistry, Maths, Physics.
Pharmacy	Chemistry and one from Biology, Maths and Physics. Some courses ask for Chemistry, Biology and Maths. Doing Chemistry and Biology keeps most courses open.	Maths, Physics.
Philosophy	None	Maths, Classical Civilisations, Philosophy and RE/Theology.
Physics	Maths, Physics	Further Maths, Chemistry.
Physiotherapy	Most courses will consider you just with Biology; however some also require a second science from Chemistry, Maths or Physics.	Chemistry, Maths, Physics, Psychology.

Degree Subject	Essential Advanced Subject	Useful Advanced Subjects
Politics	None	Politics, History, Philosophy, Law, Sociology.
Psychology	A few courses ask for one from Biology, Chemistry, Maths, and Physics.	Biology, Maths, Psychology, Sociology.
Religious Studies/Theology	None	RE/Theology, Philosophy, English Literature, History.
Sociology	None	Sociology, Psychology, Geography.
Spanish	Spanish (some degree will consider French, German or Italian).	Another modern foreign language, English Literature, History, Politics.
Speech Therapy	Some degrees want a science such as Biology, Chemistry or Physics. Some specify Biology but some degrees will consider candidates with none of these.	A modern foreign language (for example French, German, Spanish, Italian, English Language or Literature, Psychology).
Sports Science/Physical Education	Many courses want to see one from Biology/Chemistry/Maths/ Physics (some courses will treat Physical Education as a science).	Physical Education, Psychology.

Degree Subject	Essential Advanced Subject	Useful Advanced Subjects
Surveying	None	For some types of Surveying i.e. Building Surveying, Maths and Physics could be helpful. For Estate Management (General practice surveying) most A level combinations will be considered.
Teacher Training (Primary and/or Secondary.	At least one from Art, Biology, CACHE, Chemistry, Design and Technology, Drama (Theatre studies) English, French, Geography, German, History, ICT, Italian, Maths, Music, Physics, Physical Education, RE, Theology, Spanish. CACHE meets the entry requirements for early years Primary Teaching and a large number of Primary Education Teacher Training Degrees.	Another of the subjects listed.
Veterinary Science	You should do Chemistry and Biology and one from Maths/Physics so that you have all universities open to you.	Further Maths.

For a more in-depth analysis of A-Level and other entry requirements for University Undergraduate course, you can check at <https://www.thecompleteuniversityguide.co.uk/courses/search>



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A-Z of University Courses

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Below are our links to the main guides university courses. There are also links to the academic help forums and university course forums for each subject. For some subjects we have several other articles too - to see them all click on the 'see more' links.

More info on: [Choosing a Subject](#)

If there is a red link for a subject it means we don't yet have a uni course for that subject - please feel free to start one. Also, you can make additions to any of the other courses we already have guides for. If your course is not already on the list, you can add that in too! Try to keep more specialist degrees together, for example experimental physics should go under the general physics course while British Politics should go with the general politics page.

University Courses

Subject Guides	More	Academic Help Forum	University Course Forum
Anthropology Degree	See More	Social Sciences	Social Sciences
Archaeology Degree	See More	Social Sciences	Social Sciences
Architecture Degree	See More	Arts and Humanities	Architecture & the Built Environment
Art-Design Degree	See More	Art, Music and Drama	Creative Arts
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