

Engineering: Entry Requirements by College for 2024 Entry

The table below details A Level and International Baccalaureate requirements for this course by College, plus any additional requirements. Colleges may still vary offers to take account of individual circumstances. **This information is for 2024 entry (or deferred entry for 2025).**

Subject requirements

All Colleges require: A Level/IB Higher Level Mathematics* and Physics

Some Colleges require: A Level/IB Higher Level in a third science/mathematics subject, STEP (STEP 2 may be requested by Peterhouse for some candidates – see the College website for details)

*Please note, IB applicants are expected to take IB Higher Level 'Analysis and Approaches' for any course where Mathematics is a requirement. If this option is not available at your school, please contact a College for further advice and guidance.

All applicants for Engineering are required to take the Engineering Admissions Assessment (ENGAA) at an authorised assessment centre, for which you must be registered in advance. For more information, see www.cam.ac.uk/assessments.

Interviews

For more details about interviews for 2024 entry, please see www.cam.ac.uk/interviews.

College	A Level Entry Requirements	IB Entry Requirements	Admission assessment
Christ's	Typical offer: A*A*A A Level Mathematics and Physics, a third science or mathematical subject at A Level	Typical offer: 42, 776 IB Higher Level Mathematics and Physics, a third science or mathematical subject at IB Higher Level	Engineering Admissions Assessment (ENGAA): pre-registration required

College	A Level Entry Requirements	IB Entry Requirements	Admission assessment
Churchill	Typical offer: A*A*A A* in Further Mathematics, if available at school/college (otherwise A* in A Level Mathematics) and A* in A Level Physics	Typical offer: 41-43, 776-777 7 in IB Higher Level Mathematics and 7 in IB Higher Level Physics	Engineering Admissions Assessment (ENGAA): pre-registration required
Clare	Typical offer: A*A*A A Level Mathematics and Physics	Typical offer: 42, 776 IB Higher Level Mathematics and Physics	Engineering Admissions Assessment (ENGAA): pre-registration required
Corpus Christi	Typical offer: A*A*A A* in Mathematics or Further Mathematics (if taken), A Level Physics	Typical offer: 40-42, 776 7 in IB Higher Level Mathematics, IB Higher Level Physics	Engineering Admissions Assessment (ENGAA): pre-registration required
Downing	Typical offer: A*A*A A Level Mathematics and Physics	Typical offer: 41-43, 776 IB Higher Level Mathematics and Physics	Engineering Admissions Assessment (ENGAA): pre-registration required
Emmanuel	Typical offer: A*A*A A* in A Level Mathematics and A* in A Level Physics	Typical offer: 41-42, 776 7 in IB Higher Level Mathematics and 7 in IB Higher Level Physics	Engineering Admissions Assessment (ENGAA): pre-registration required
Fitzwilliam	Typical offer: A*A*A A Level Mathematics and Physics	Typical offer: 40-42, 776 IB Higher Level Mathematics and Physics	Engineering Admissions Assessment (ENGAA): pre-registration required
Girton	Typical offer: A*A*A A Level Mathematics and Physics	Typical offer: 41-42, 776 IB Higher Level Mathematics and Physics	Engineering Admissions Assessment (ENGAA): pre-registration required

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Gonville & Caius	Typical offer: A*A*A A Level Mathematics and Physics	Typical offer: 42, 776 IB Higher Level Mathematics and Physics	Engineering Admissions Assessment (ENGAA): pre-registration required
Homerton	Typical offer: A*A*A A Level Mathematics and Physics	Typical offer: 40-42, 776 IB Higher Level Mathematics and Physics	Engineering Admissions Assessment (ENGAA): pre-registration required
Hughes Hall	Typical offer: A*A*A A Level Mathematics and Physics	Typical offer: 40-42, 776 IB Higher Level Mathematics and Physics	Engineering Admissions Assessment (ENGAA): pre-registration required
Jesus	Typical offer: A*A*A A Level Mathematics and Physics	Typical offer: 42, 776 IB Higher Level Mathematics and Physics	Engineering Admissions Assessment (ENGAA): pre-registration required
King's	Typical offer: A*A*A A Level Mathematics, Physics, and Further Maths	Typical offer: 42-43, 777 IB Higher Level Mathematics and Physics	Engineering Admissions Assessment (ENGAA): pre-registration required
Lucy Cavendish	Typical offer: A*A*A A Level Mathematics and Physics A* in A Level Mathematics or Further Maths (if taken) and A* in A Level Physics	Typical offer: 42, 776 7 in IB Higher Level Mathematics and 7 in IB Higher Level Physics	Engineering Admissions Assessment (ENGAA): pre-registration required
Magdalene	Typical offer: A*A*A A Level Mathematics and Physics	Typical offer: 42, 776 IB Higher Level Mathematics and Physics	Engineering Admissions Assessment (ENGAA): pre-registration required

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Murray Edwards	Typical offer: A*A*A A Level Mathematics and Physics A* in Mathematics or Further Mathematics (if taken), and A* in Physics	Typical offer: 42, 776 7 in IB Higher Level Mathematics and 7 in IB Higher Level Physics	Engineering Admissions Assessment (ENGAA): pre- registration required
Newnham	Typical offer: A*A*A A Level Mathematics and Physics	Typical offer: 41, 776 IB Higher Level Mathematics and Physics	Engineering Admissions Assessment (ENGAA): pre- registration required
Pembroke	Typical offer: A*A*A A* in A Level Mathematics and/or Further Maths (if taken) and A* in A Level Physics	Typical offer: 40-43, 776-777 7 in IB Higher Level Mathematics and 7 in IB Higher Level Physics	Engineering Admissions Assessment (ENGAA): pre- registration required
Peterhouse	Typical offer: A*A*A A* in Further Maths (if taken), otherwise A* in Mathematics, and A* in Physics STEP 2 may be requested for some candidates	Typical offer: 40-42, 776-777 7 in IB Higher Level Mathematics, and 7 in IB Higher Level Physics STEP 2 may be requested for some candidates	Engineering Admissions Assessment (ENGAA): pre- registration required
Queens'	Typical offer: A*A*A A Level Mathematics and Physics	Typical offer: 40-42, 776 IB Higher Level Mathematics and Physics	Engineering Admissions Assessment (ENGAA): pre- registration required
Robinson	Typical offer: A*A*A A Level Mathematics and Physics	Typical offer: 40-42, 776 IB Higher Level Mathematics and Physics	Engineering Admissions Assessment (ENGAA): pre- registration required

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St Catharine's	Typical offer: A*A*A A* in A Level Mathematics and A* in A Level Physics	Typical offer: 40-42, 776 7 in IB Higher Level Mathematics and 7 in IB Higher Level Physics	Engineering Admissions Assessment (ENGAA): pre-registration required
St Edmund's	Typical offer: A*A*A A Level Mathematics and Physics	Typical offer: 40-42, 776 IB Higher Level Mathematics and Physics	Engineering Admissions Assessment (ENGAA): pre-registration required
St John's	Typical offer: A*A*A A Level Mathematics and Physics	Typical offer: 42, 776 IB Higher Level Mathematics and Physics	Engineering Admissions Assessment (ENGAA): pre-registration required
Selwyn	Typical offer: A*A*A-A*A*A* A Level Mathematics and Physics May specify A* in certain subjects	Typical offer: 42-43, 776 IB Higher Level Mathematics and Physics May specify 7 in certain subjects	Engineering Admissions Assessment (ENGAA): pre-registration required
Sidney Sussex	Typical offer: A*A*A A* in A Level Mathematics or Further Maths (if taken), A Level Physics	Typical offer: 42, 776 7 in IB Higher Level Mathematics, IB Higher Level Physics	Engineering Admissions Assessment (ENGAA): pre-registration required
Trinity	Typical offer: A*A*A A Level Mathematics and Physics	Typical offer: 42, 776-777 IB Higher Level Mathematics and Physics	Engineering Admissions Assessment (ENGAA): pre-registration required
Trinity Hall	Typical offer: A*A*A A Level Mathematics and Physics	Typical offer: 41-42, 776 IB Higher Level Mathematics and Physics	Engineering Admissions Assessment (ENGAA): pre-registration required

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Wolfson	Typical offer: A*A*A A Level Mathematics and Physics	Typical offer: 40-42, 776 IB Higher Level Mathematics and Physics	Engineering Admissions Assessment (ENGAA): pre- registration required