

Natural Sciences (Physical): 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

'Science/mathematics subjects' refers to Biology, Chemistry, Physics, Mathematics and Further Mathematics. It does not include Psychology.

All Colleges require: A Level/IB Higher Level Mathematics* and A Levels/IB Higher Levels in two other science subjects, see also subject requirements for Year 1 options

Further guidance: In exceptional circumstances, applicants with only two science/mathematics subjects and Biological Sciences applicants without Mathematics may be considered.

*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 Natural Sciences are required to take the Natural Sciences Admissions Assessment (NSAA) 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 two of Chemistry, Further Mathematics, Physics	Typical offer: 42, 776 IB Higher Level Mathematics ,Chemistry, Physics	Natural Sciences Admissions Assessment (NSAA): pre-registration required

College	A Level Entry Requirements	IB Entry Requirements	Admission assessment
Churchill	Typical offer: A*A*A-A*A*A* A* in A Level Further Mathematics if available at school/college, (otherwise A* in A Level Mathematics) and A* in A Level Chemistry and/or A Level Physics	Typical offer: 41-43, 776-777 7 in IB Higher Level Mathematics and 7 in IB Higher Level Chemistry and/or IB Higher Level Physics	Natural Sciences Admissions Assessment (NSAA): pre-registration required
Clare	Typical offer: A*A*A A Level in Mathematics and two science subjects	Typical offer: 42, 776 IB Higher Level in Mathematics and two science subjects	Natural Sciences Admissions Assessment (NSAA): pre-registration required
Corpus Christi	Typical offer: A*A*A A* in Mathematics or Further Mathematics (if taken) A Level Mathematics and two science subjects	Typical offer: 41-42, 776 7 in IB Higher Level Mathematics IB Higher Levels in Mathematics and two science subjects	Natural Sciences Admissions Assessment (NSAA): pre-registration required
Downing	Typical offer: A*A*A A Level in Mathematics and two science subjects	Typical offer: 41-43, 776 IB Higher Level in Mathematics and two science subjects	Natural Sciences Admissions Assessment (NSAA): pre-registration required
Emmanuel	Typical offer: A*A*A A Level in Mathematics and two science subjects Chemistry required for Chemists and Physics required for Physicists	Typical offer: 41-42, 776 IB Higher Level in Mathematics and two science subjects Chemistry required for Chemists and Physics required for Physicists	Natural Sciences Admissions Assessment (NSAA): pre-registration required

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Fitzwilliam	Typical offer: A*A*A A Level in Mathematics and two of Chemistry, Physics or Further Mathematics	Typical offer: 40-42, 776 IB Higher Level in Mathematics, Chemistry and Physics	Natural Sciences Admissions Assessment (NSAA): pre-registration required
Girton	Typical offer: A*A*A A Level Mathematics and two from Biology, Chemistry, Physics or Further Mathematics	Typical offer: 41-42, 776 IB Higher Level Mathematics and two from Biology, Chemistry, or Physics	Natural Sciences Admissions Assessment (NSAA): pre-registration required
Gonville & Caius	Typical offer: A*A*A A Level in Mathematics and two science subjects	Typical offer: 42, 776 IB Higher Level in Mathematics and two science subjects	Natural Sciences Admissions Assessment (NSAA): pre-registration required
Homerton	Typical offer: A*A*A A Level in Mathematics and two science subjects	Typical offer: 40-42, 776 IB Higher Level in Mathematics and two science subjects	Natural Sciences Admissions Assessment (NSAA): pre-registration required
Hughes Hall	Typical offer: A*A*A A Level in Mathematics and two science subjects	Typical offer: 40-42, 776 IB Higher Level in Mathematics and two science subjects	Natural Sciences Admissions Assessment (NSAA): pre-registration required
Jesus	Typical offer: A*A*A A Level in Mathematics and two science subjects	Typical offer: 42, 776 IB Higher Level in Mathematics and two science subjects	Natural Sciences Admissions Assessment (NSAA): pre-registration required

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King's	Typical offer: A*A*A A Level in Mathematics and two science subjects	Typical offer: 42-43, 777 IB Higher Level in Mathematics and two science subjects	Natural Sciences Admissions Assessment (NSAA): pre-registration required
Lucy Cavendish	Typical offer: A*A*A A Level in Mathematics and at least two of Chemistry, Further Mathematics, and Physics A* in Mathematics or Further Mathematics (if taken) and A* in Chemistry or Physics	Typical offer: 42, 776 IB Higher Level in Mathematics and two additional science/mathematics subjects (which must include Chemistry or Physics) 7 Mathematics and 7 in Chemistry or Physics	Natural Sciences Admissions Assessment (NSAA): pre-registration required
Magdalene	Typical offer: A*A*A A Level in Mathematics and two other science subjects	Typical offer: 42, 776 IB Higher Level in Mathematics and two other science subjects	Natural Sciences Admissions Assessment (NSAA): pre-registration required (all applicants) and Cambridge College registered written assessment for applicants shortlisted for interview
Murray Edwards	Typical offer: A*A*A A Level in Mathematics and two science subjects A* in Further Mathematics if offered and A* in Chemistry or Physics	Typical offer: 42, 776 IB Higher Level in Mathematics and two science subjects 7 in IB Higher Level Mathematics and 7 in IB Higher Level Chemistry or IB Higher Level Physics	Natural Sciences Admissions Assessment (NSAA): pre-registration required
Newnham	Typical offer: A*A*A A Levels in Mathematics and two other science subjects	Typical offer: 41, 776 IB Higher Level in Mathematics and two other science subjects	Natural Sciences Admissions Assessment (NSAA): pre-registration required

College	A Level Entry Requirements	IB Entry Requirements	Admission assessment
Pembroke	Typical offer: A*A*A A Level in Mathematics and two science subjects (one of which should be Chemistry or Physics) A* in Mathematics or Further Mathematics, and A* in Chemistry or Physics	Typical offer: 40-43, 776-777 IB Higher Level in Mathematics and two science subjects (one of which should be Chemistry or Physics) 7 in IB Higher Level Mathematics or Further Mathematics, and 7 in IB Higher Level Chemistry or Physics	Natural Sciences Admissions Assessment (NSAA): pre-registration required
Peterhouse	Typical offer: A*A*A A Level Mathematics and two science subjects	Typical offer: 40-42, 776-777 IB Higher Level Mathematics and two science subjects	Natural Sciences Admissions Assessment (NSAA): pre-registration required
Queens'	Typical offer: A*A*A A Level in Mathematics and two of Physics, Chemistry or Biology	Typical offer: 40-42, 776 IB Higher Level in Mathematics and two of Physics, Chemistry or Biology	Natural Sciences Admissions Assessment (NSAA): pre-registration required
Robinson	Typical offer: A*A*A A Level in Mathematics and two of Physics, Chemistry or Further Mathematics	Typical offer: 40-42, 776 IB Higher Level in Mathematics and two of Physics, Chemistry or Further Mathematics	Natural Sciences Admissions Assessment (NSAA): pre-registration required
St Catharine's	Typical offer: A*A*A A Level in Mathematics and two science subjects A* in Mathematics or Further Mathematics	Typical offer: 40-42, 776 IB Higher Level in Mathematics and two science subjects 7 in IB Higher Level Mathematics	Natural Sciences Admissions Assessment (NSAA): pre-registration required

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St Edmund's	Typical offer: A*A*A A Level in Mathematics and two science subjects	Typical offer: 40-42, 776 IB Higher Level in Mathematics and two science subjects	Natural Sciences Admissions Assessment (NSAA): pre-registration required
St John's	Typical offer: A*A*A A Level in Mathematics and two science subjects	Typical offer: 42, 776 IB Higher Level in Mathematics and two science subjects	Natural Sciences Admissions Assessment (NSAA): pre-registration required
Selwyn	Typical offer: A*A*A-A*A*A* A Level in Mathematics and two science subjects May specify A* in certain subjects	Typical offer: 42-43, 776 IB Higher Level in Mathematics and two science subjects	Natural Sciences Admissions Assessment (NSAA): pre-registration required
Sidney Sussex	Typical offer: A*A*A A Level in Mathematics and two science subjects	Typical offer: 42, 776 IB Higher Level in Mathematics and two science subjects	Natural Sciences Admissions Assessment (NSAA): pre-registration required
Trinity	Typical offer: A*A*A A Level Mathematics and two science subjects	Typical offer: 42, 776-777 IB Higher Level Mathematics and two science subjects	Natural Sciences Admissions Assessment (NSAA): pre-registration required
Trinity Hall	Typical offer: A*A*A A Level in Mathematics and two science subjects	Typical offer: 41-42, 776 IB Higher Level in Mathematics and two science subjects	Natural Sciences Admissions Assessment (NSAA): pre-registration required

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Wolfson	Typical offer: A*A*A A Level in Mathematics and two science subjects	Typical offer: 40-42, 776 IB Higher Level in Mathematics and two science subjects	Natural Sciences Admissions Assessment (NSAA): pre-registration required