

## Chemical Engineering and Biotechnology: 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 Chemistry

**Some Colleges require:** A Level/IB Higher Level in a third science/mathematics subject

\*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 Chemical Engineering and Biotechnology 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](http://www.cam.ac.uk/assessments).

### Interviews

For more details about interviews for 2024 entry, please see [www.cam.ac.uk/interviews](http://www.cam.ac.uk/interviews).

College	A Level Entry Requirements	IB Entry Requirements	Admission assessment
Christ's	Typical offer: A*A*A A Level Chemistry, Mathematics and one other science/mathematics subject	Typical offer: 42, 776 IB Higher Level Chemistry, Mathematics and one other science/mathematics subject	Natural Sciences Admissions Assessment (NSAA): pre-registration required
Churchill	Typical offer: 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 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

College	A Level Entry Requirements	IB Entry Requirements	Admission assessment
Clare	Typical offer: A*A*A A Level Chemistry and Mathematics	Typical offer: 42, 776 IB Higher Level Chemistry and Mathematics	Natural Sciences Admissions Assessment (NSAA): pre-registration required
Corpus Christi	<i>Course not offered at this College</i>		
Downing	Typical offer: A*A*A A Level Chemistry, Mathematics and one other science/mathematics subject	Typical offer: 41-43, 776 IB Higher Level Chemistry, Mathematics and one other science/mathematics subject	Natural Sciences Admissions Assessment (NSAA): pre-registration required
Emmanuel	Typical offer: A*A*A A Levels in Chemistry, Mathematics and a third science/mathematics subject A* in Mathematics	Typical offer: 41-42, 776 IB Higher Levels in Chemistry, Mathematics and a third science/mathematics subject 7 in Mathematics	Natural Sciences Admissions Assessment (NSAA): pre-registration required
Fitzwilliam	Typical offer: A*A*A A Level Chemistry and Mathematics	Typical offer: 40-42, 776 IB Higher Level Chemistry and Mathematics	Natural Sciences Admissions Assessment (NSAA): pre-registration required
Girton	Typical offer: A*A*A A Level Chemistry and Mathematics	Typical offer: 41-42, 776 IB Higher Level Chemistry and Mathematics	Natural Sciences Admissions Assessment (NSAA): pre-registration required

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Gonville & Caius	Typical offer: A*A*A A Level Chemistry and Mathematics	Typical offer: 42, 776 IB Higher Level Chemistry and Mathematics	Natural Sciences Admissions Assessment (NSAA): pre-registration required
Homerton	Typical offer: A*A*A A Level Chemistry and Mathematics	Typical offer: 40-42, 776 IB Higher Level Chemistry and Mathematics	Natural Sciences Admissions Assessment (NSAA): pre-registration required
Hughes Hall	Typical offer: A*A*A A Level Chemistry and Mathematics	Typical offer: 40-42, 776 IB Higher Level Chemistry and Mathematics	Natural Sciences Admissions Assessment (NSAA): pre-registration required
Jesus	Typical offer: A*A*A A Level Chemistry and Mathematics	Typical offer: 42, 776 IB Higher Level Chemistry and Mathematics	Natural Sciences Admissions Assessment (NSAA): pre-registration required
King's	Typical offer: A*A*A A Level Chemistry and Mathematics	Typical offer: 42-43, 777 IB Higher Level Chemistry and Mathematics	Natural Sciences Admissions Assessment (NSAA): pre-registration required

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Lucy Cavendish	Typical offer: A*A*A A Levels in Chemistry, Mathematics and a third science/mathematics subject A* in Chemistry and Mathematics or Further Maths (if taken)	Typical offer: 42, 776 IB Higher Levels in Chemistry, Mathematics and either Biology or Physics 7 in Chemistry and Mathematics	Natural Sciences Admissions Assessment (NSAA): pre-registration required
Magdalene	Typical offer: A*A*A A Level Chemistry and Mathematics A Level Further Maths if available	Typical offer: 42, 776 IB Higher Level Chemistry and Mathematics	Natural Sciences Admissions Assessment (NSAA): pre-registration required
Murray Edwards	Typical offer: A*A*A A Level Chemistry and Mathematics A* in Chemistry and Mathematics or Further Maths (if taken)	Typical offer: 42, 776 IB Higher Level Chemistry and Mathematics 7 in Chemistry and Mathematics	Natural Sciences Admissions Assessment (NSAA): pre-registration required
Newnham	Typical offer: A*A*A A Level Chemistry and Mathematics	Typical offer: 41, 776 IB Higher Level Chemistry and Mathematics	Natural Sciences Admissions Assessment (NSAA): pre-registration required
Pembroke	Typical offer: A*A*A A Level Chemistry and Mathematics	Typical offer: 40-43, 776-777 IB Higher Level Chemistry and Mathematics	Natural Sciences Admissions Assessment (NSAA): pre-registration required

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Peterhouse	Typical offer: A*A*A A Level Chemistry and Mathematics	Typical offer: 40-42, 776-777 IB Higher Level Chemistry and Mathematics	Natural Sciences Admissions Assessment (NSAA): pre-registration required
Queens'	Typical offer: A*A*A A Level Chemistry and Mathematics	Typical offer: 40-43, 776 IB Higher Level Chemistry and Mathematics	Natural Sciences Admissions Assessment (NSAA): pre-registration required
Robinson	Typical offer: A*A*A A Level Chemistry and Mathematics	Typical offer: 40-42, 776 IB Higher Level Chemistry and Mathematics	Natural Sciences Admissions Assessment (NSAA): pre-registration required
St Catharine's	Typical offer: A*A*A A Level Chemistry and Mathematics	Typical offer: 40-42, 776 IB Higher Level Chemistry and Mathematics	Natural Sciences Admissions Assessment (NSAA): pre-registration required
St Edmund's	Typical offer: A*A*A A Level Chemistry and Mathematics	Typical offer: 40-42, 776 IB Higher Level Chemistry and Mathematics	Natural Sciences Admissions Assessment (NSAA): pre-registration required

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St John's	Typical offer: A*A*A A Level Chemistry and Mathematics	Typical offer: 42, 776 IB Higher Level Chemistry and Mathematics	Natural Sciences Admissions Assessment (NSAA): pre-registration required
Selwyn	Typical offer: A*A*A-A*A*A* A Level Chemistry and Mathematics	Typical offer: 42-43, 776 IB Higher Level Chemistry and Mathematics	Natural Sciences Admissions Assessment (NSAA): pre-registration required
Sidney Sussex	Typical offer: A*A*A A Level Chemistry and Mathematics	Typical offer: 41-42, 776 IB Higher Level Chemistry and Mathematics	Natural Sciences Admissions Assessment (NSAA): pre-registration required
Trinity	Typical offer: A*A*A A Level Chemistry, Mathematics and a third science/mathematics subject	Typical offer: 42, 776-777 IB Higher Level Chemistry, Mathematics and a third science/mathematics subject	Natural Sciences Admissions Assessment (NSAA): pre-registration required
Trinity Hall	Typical offer: A*A*A A Level Chemistry and Mathematics	Typical offer: 41-42, 776 IB Higher Level Chemistry and Mathematics	Natural Sciences Admissions Assessment (NSAA): pre-registration required

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