UNIVERSITY OF CAMBRIDGE

Computer Science: 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

No prior knowledge of programming is required.

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

Some Colleges require: A Level/IB Higher Level in at least one other science/mathematics subject

Further guidance: A Level Further Mathematics is very strongly encouraged. If unavailable or you've recognised its desirability too late, we'd advise you to do as much additional pure maths and decision maths as possible, eg by studying Further Mathematics AS Level, or by using online resources covering advanced material. Good performance in maths competitions can be a positive aspect of an application.

*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 Computer Science are required to take the Test of Mathematics for University Admission (TMUA) 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 at least one other science/mathematics subject	Typical offer: 42, 776 IB Higher Level Mathematics and at least one other science subject	Test of Mathematics for University Admission (TMUA): pre-registration required

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College	A Level Entry Requirements	IB Entry Requirements	Admission assessment
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 one of A Level Chemistry, Computer Science, and Physics	Typical offer: 41-43, 776-777 7 in IB Higher Level Mathematics and 7 in at least one of IB Higher Level Chemistry, Computer Science, and Physics	Test of Mathematics for University Admission (TMUA): pre-registration required
Clare	Typical offer: A*A*A A Level Mathematics	Typical offer: 42, 776 IB Higher Level Mathematics	Test of Mathematics for University Admission (TMUA): pre-registration required
Corpus Christi	Typical offer: A*A*A A* in Mathematics or Further Mathematics (if taken)	Typical offer: 41-42, 776 7 in IB Higher Level Mathematics	Test of Mathematics for University Admission (TMUA): pre-registration required
Downing	Typical offer: A*A*A A Level Mathematics and at least one other science/mathematics subject	Typical offer: 41-43, 776 IB Higher Level Mathematics and at least one other science/mathematics subject	Test of Mathematics for University Admission (TMUA): pre-registration required
Emmanuel	Typical offer: A*A*A A* in Mathematics or Further Mathematics (if taken)	Typical offer: 41-42, 776 7 in IB Higher Level Mathematics	Test of Mathematics for University Admission (TMUA): pre-registration required
Fitzwilliam	Typical offer: A*A*A A Level Mathematics	Typical offer: 40-42, 776 IB Higher Level Mathematics	Test of Mathematics for University Admission (TMUA): pre-registration required

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College	A Level Entry Requirements	IB Entry Requirements	Admission assessment
Girton	Typical offer: A*A*A A Level Mathematics	Typical offer: 41-42, 776 IB Higher Level Mathematics	Test of Mathematics for University Admission (TMUA): pre-registration required
Gonville & Caius	Typical offer: A*A*A A Level Mathematics	Typical offer: 42, 776 IB Higher Level Mathematics	Test of Mathematics for University Admission (TMUA): pre-registration required
Homerton	Typical offer: A*A*A A* in Mathematics	Typical offer: 40-42, 776 7 in IB Higher Level Mathematics	Test of Mathematics for University Admission (TMUA): pre-registration required
Hughes Hall	Typical offer: A*A*A A Level Mathematics	Typical offer: 40-42, 776 IB Higher Level Mathematics	Test of Mathematics for University Admission (TMUA): pre-registration required
Jesus	Typical offer: A*A*A A Level Mathematics	Typical offer: 42, 776 IB Higher Level Mathematics	Test of Mathematics for University Admission (TMUA): pre-registration required
King's	Typical offer: A*A*A A Level Mathematics and Further Maths (if available, please see the course page for further guidance)	Typical offer: 42-43, 777 IB Higher Level Mathematics	Test of Mathematics for University Admission (TMUA): pre-registration required
Lucy Cavendish	Typical offer: A*A*A A Level Mathematics and at least one other science/mathematics subject A* in A Level Mathematics or Further Maths (if taken)	Typical offer: 42, 776 IB Higher Level Mathematics and at least one other science subject 7 in Mathematics	Test of Mathematics for University Admission (TMUA): pre-registration required

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College	A Level Entry Requirements	IB Entry Requirements	Admission assessment
Magdalene	Typical offer: A*A*A A Level Mathematics and Further Mathematics (if available)	Typical offer: 42, 776 IB Higher Level Mathematics	Test of Mathematics for University Admission (TMUA): pre-registration required
Murray Edwards	Typical offer: A*A*A A* in Mathematics or Further Mathematics (if taken)	Typical offer: 42, 776 7 in IB Higher Level Mathematics	Test of Mathematics for University Admission (TMUA): pre-registration required
Newnham	Typical offer: A*A*A A Level Mathematics	Typical offer: 41, 776 IB Higher Level Mathematics	Test of Mathematics for University Admission (TMUA): pre-registration required
Pembroke	Typical offer: A*A*A A* in Mathematics and A* in Further Mathematics (if taken)	Typical offer: 40-43, 776-777 7 in IB Higher Level Mathematics	Test of Mathematics for University Admission (TMUA): pre-registration required
Peterhouse	Typical offer: A*A*A A Level Mathematics	Typical offer: 40-42, 776-777 IB Higher Level Mathematics	Test of Mathematics for University Admission (TMUA): pre-registration required
Queens'	Typical offer: A*A*A A Level Mathematics	Typical offer: 40-42, 776 IB Higher Level Mathematics	Test of Mathematics for University Admission (TMUA): pre-registration required
Robinson	Typical offer: A*A*A A Level Mathematics	Typical offer: 40-42, 776 IB Higher Level Mathematics	Test of Mathematics for University Admission (TMUA): pre-registration required

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College	A Level Entry Requirements	IB Entry Requirements	Admission assessment
St Catharine's	Typical offer: A*A*A A* in Mathematics or Further Mathematics (if taken)	Typical offer: 40-42, 776 7 in IB Higher Level Mathematics	Test of Mathematics for University Admission (TMUA): pre-registration required
St Edmund's	Typical offer: A*A*A A Level Mathematics	Typical offer: 40-42, 776 IB Higher Level Mathematics	Test of Mathematics for University Admission (TMUA): pre-registration required
St John's	Typical offer: A*A*A A Level Mathematics	Typical offer: 42, 776 IB Higher Level Mathematics	Test of Mathematics for University Admission (TMUA): pre-registration required
Selwyn	Typical offer: A*A*A-A*A*A* A Level Mathematics May specify A* in certain subjects	Typical offer: 42-43, 776 IB Higher Level Mathematics	Test of Mathematics for University Admission (TMUA): pre-registration required
Sidney Sussex	Typical offer: A*A*A A Level Mathematics A* in Mathematics	Typical offer: 41-42, 776 IB Higher Level Mathematics 7 in IB Higher Level Mathematics	Test of Mathematics for University Admission (TMUA): pre-registration required
Trinity	Typical offer: A*A*A A Level Mathematics	Typical offer: 42, 776-777 IB Higher Level Mathematics	Test of Mathematics for University Admission (TMUA): pre-registration required
Trinity Hall	Typical offer: A*A*A A Level Mathematics	Typical offer: 41-42, 776 IB Higher Level Mathematics	Test of Mathematics for University Admission (TMUA): pre-registration required

College	A Level Entry Requirements	IB Entry Requirements	Admission assessment
Wolfson	Typical offer: A*A*A A Level Mathematics	Typical offer: 40-42, 776 IB Higher Level Mathematics	Test of Mathematics for University Admission (TMUA): pre-registration required