

## Mathematics with Physics: A Level/IB Requirements by College for 2022 Entry

The table below details A Level/International Baccalaureate requirements, as well as additional requirements, for this course by College. Colleges may still vary offers to take account of individual circumstances. **This information is for 2022 entry (or deferred entry for 2023).**

For information on written admission assessments for this course, please see [www.cam.ac.uk/assessments](http://www.cam.ac.uk/assessments).

College	A Level Entry Requirements	IB Entry Requirements	Other Entry Requirements
Christ's	Typical offer: A*A*A A Level Mathematics, Physics and Further Mathematics	Typical offer: 42, 776 IB Higher Level Mathematics and Physics	STEP Typical offer: Grade 1,1 in STEP 2 and 3
Churchill	Typical offer: A*A*A A* in Further Mathematics and A* in Physics	Typical offer: 40-43, 776-777 7 in IB Higher Level Mathematics and 7 in IB Higher Level Physics	STEP Typical offer: Grade 1,1 in STEP 2 and 3
Clare	Typical offer: A*A*A A Level Mathematics and Further Mathematics	Typical offer: 42, 776 IB Higher Level Mathematics	STEP Typical offer: Grade 1,1 in STEP 2 and 3
Corpus Christi	Typical offer: A*A*A A Level Mathematics and Further Mathematics	Typical offer: 41-42, 776 IB Higher Level Mathematics	STEP Typical offer: Grade 1,1 in STEP 2 and 3

College	A Level Entry Requirements	IB Entry Requirements	Other Entry Requirements
Downing	Typical offer: A*A*A A Level Mathematics, Further Mathematics and Physics	Typical offer: 41-43, 776 IB Higher Level Mathematics and Physics	STEP Typical offer: Grade 1,1 in STEP 2 and 3  Flexible offer scheme: Depending on individual circumstances, we may make an A Level applicant an offer which will be met if they achieve either A*A*A with at least grade 1 in both of STEP papers 2 and 3 OR A*A*A* with at least grade 1 in either STEP paper 2 or 3 (both papers to be taken).
Emmanuel	Typical offer: A*A*A A* in Mathematics and A* in Further Mathematics A Level Physics or all Mechanics options within Further Mathematics to be taken	Typical offer: 41-42, 776 7 in IB Higher Level Mathematics (Analysis and Approaches) and 7 in Higher Level Physics	STEP Typical offer: Grade 1,1 in STEP 2 and 3  Flexible offer scheme: Depending on individual circumstances, we may make an A Level applicant an offer which will be met if they achieve either A*A*A with at least grade 1 in both of STEP papers 2 and 3 OR A*A*A* with at least grade 1 in either STEP paper 2 or 3 (both papers to be taken).

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Fitzwilliam	Typical offer: A*A*A A Level Mathematics and Further Mathematics	Typical offer: 40-42, 776 IB Higher Level Mathematics	STEP Typical offer: Grade 1,1 in STEP 2 and 3  Flexible offer scheme: Depending on individual circumstances, we may make an A Level applicant an offer which will be met if they achieve either A*A*A with at least grade 1 in both of STEP papers 2 and 3 OR A*A*A* with at least grade 1 in either STEP paper 2 or 3 (both papers to be taken).
Girton	Typical offer: A*A*A A* normally specified in Mathematics and Further Mathematics	Typical offer: 41, 776 7 normally specified in IB Higher Level Mathematics	STEP Typical offer: Grade 1,1 in STEP 2 and 3  Flexible offer scheme: Depending on individual circumstances, we may make an A Level applicant an offer which will be met if they achieve either A*A*A with at least grade 1 in both of STEP papers 2 and 3 OR A*A*A* with at least grade 1 in either STEP paper 2 or 3 (both papers to be taken).
Gonville & Caius	Typical offer: A*A*A A Level Mathematics and Further Mathematics	Typical offer: 42, 776 IB Higher Level Mathematics	STEP Typical offer: Grade 1,1 in STEP 2 and 3

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Homerton	Typical offer: A*A*A A* in Mathematics and A* in Further Mathematics	Typical offer: 40-42, 776 7 in IB Higher Level Mathematics	STEP Typical offer: Grade 1,1 in STEP 2 and 3
Hughes Hall	Typical offer: A*A*A A Level Mathematics and Further Mathematics	Typical offer: 40-42, 776 IB Higher Level Mathematics	STEP Typical offer: minimum Grade 1,1 in STEP 2 and 3
Jesus	Typical offer: A*A*A A* in Mathematics and A* in Further Mathematics	Typical offer: 40-42, 776 IB Higher Level Mathematics	STEP Typical offer: Grade 1,1 in STEP 2 and 3  Flexible offer scheme: Depending on individual circumstances, we may make an A Level applicant an offer which will be met if they achieve either A*A*A with at least grade 1 in both of STEP papers 2 and 3 OR A*A*A* with at least grade 1 in either STEP paper 2 or 3 (both papers to be taken).

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King's	Typical offer: A*A*A A Level Mathematics and Further Mathematics	Typical offer: 42, 776 IB Higher Level Mathematics	STEP Typical offer: Grade 1, 1 or 1,2 or S,1 in STEP 2 and 3  Flexible offer scheme: Depending on individual circumstances, we may make an A Level applicant an offer which will be met if they achieve either A*A*A with at least grade 1 in both of STEP papers 2 and 3 OR A*A*A* with at least grade 1 in either STEP paper 2 or 3 (both papers to be taken).
Lucy Cavendish	Typical offer: A*A*A A* in Mathematics and A* in Further Mathematics, with either Physics or all mechanics options within Further Mathematics to be taken	Typical offer: 40-42, 776 IB Higher Level Mathematics and Physics	STEP Typical offer: Grade 1,1 in STEP 2 and 3  Flexible offer scheme: Depending on individual circumstances, we may make an A Level applicant an offer which will be met if they achieve either A*A*A with at least grade 1 in both of STEP papers 2 and 3 OR A*A*A* with at least grade 1 in either STEP paper 2 or 3 (both papers to be taken).
Magdalene	Typical offer: A*A*A A Level Mathematics, Further Mathematics	Typical offer: 42, 777 IB Higher Level Mathematics	STEP Typical offer: Grade 1,1 in STEP 2 and 3

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Murray Edwards	Typical offer: A*A*A A Level Mathematics and Further Mathematics A* in Further Mathematics and A* in Physics (if offered)	Typical offer: 42, 776 7 in IB Higher Level Mathematics and 7 in IB Higher Level Physics (if offered)	STEP Typical offer: Grade 1,1 in STEP 2 and 3  For Widening Participation students, STEP may be reduced to Grade 1, 2 in STEP 2 and 3  A Level/IB Physics is <i>not</i> a required subject, but we reserve the right to set an A* condition on it if it is offered.
Newnham	Typical offer: A*A*A A Level Mathematics and Further Mathematics	Typical offer: 41, 776 IB Higher Level Mathematics	STEP Typical offer: Grade 1,1 in STEP 2 and 3  Flexible offer scheme: Depending on individual circumstances, we may make an A Level applicant an offer which will be met if they achieve either A*A*A with at least grade 1 in both of STEP papers 2 and 3 OR A*A*A* with at least grade 1 in either STEP paper 2 or 3 (both papers to be taken).
Pembroke	Typical offer: A*A*A A Level Mathematics and Further Mathematics A* in Mathematics or A* in Further Mathematics	Typical offer: 40-43, 776-777 7 in IB Higher Level Mathematics	STEP Typical offer: Grade 1,1 to S,1 in STEP 2 and 3

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Peterhouse	Typical offer: A*A*A A Level Mathematics, A Level Physics or Further Mathematics including the section on mechanics	Typical offer: 40-42, 776-777 IB Higher Level Mathematics, IB Higher Level Physics	STEP Typical offer: Grade 1,1 in STEP 2 and 3
Queens'	Typical offer: A*A*A A Level Mathematics and Further Mathematics	Typical offer: 40-42, 776 IB Higher Level Mathematics	STEP Typical offer: Grade 1,1 in STEP 2 and 3
Robinson	Typical offer: A*A*A A Level Mathematics and Further Mathematics	Typical offer: 40-42, 776 IB Higher Level Mathematics	STEP Typical offer: Grade 1,1 in STEP 2 and 3
St Catharine's	Typical offer: A*A*A A Level Mathematics A* in Further Mathematics	Typical offer: 40-42, 776 7 in IB Higher Level Mathematics or Further Mathematics IB Higher Level Mathematics	STEP Typical offer: Grade 1,1 in STEP 2 and 3
St Edmund's	Typical offer: A*A*A A Level Mathematics and Further Mathematics	Typical offer: 40-42, 776 IB Higher Level Mathematics	STEP Typical offer: Grade 1,1 in STEP 2 and 3

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St John's	Typical offer: A*A*A A Level Mathematics and Further Mathematics	Typical offer: 42, 776 IB Higher Level Mathematics: Analysis and Approaches (preferred) or IB Higher Level Mathematics: Applications and Interpretation	STEP Typical offer: Grade 1,1 in STEP 2 and 3  Flexible offer scheme: Depending on individual circumstances, we may make an A Level applicant an offer which will be met if they achieve either A*A*A with at least grade 1 in both of STEP papers 2 and 3 OR A*A*A* with at least grade 1 in either STEP paper 2 or 3 (both papers to be taken).
Selwyn	Typical offer: A*A*A May specify A* in certain subjects A Level Mathematics and Further Mathematics	Typical offer: 40-42, 776 IB Higher Level Mathematics	STEP Typical offer: Grade 1,1 in STEP 2 and 3
Sidney Sussex	Typical offer: A*A*A A Level Mathematics and Further Mathematics	Typical offer: 41-42, 776 IB Higher Level Mathematics	STEP Typical offer: Grade 1,1 in STEP 2 and 3  Flexible offer scheme: Depending on individual circumstances, we may make an A Level applicant an offer which will be met if they achieve either A*A*A with at least grade 1 in both of STEP papers 2 and 3 OR A*A*A* with at least grade 1 in either STEP paper 2 or 3 (both papers to be taken).



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Trinity	Typical offer: A*A*A A Level Mathematics and Further Mathematics	Typical offer: 42, 776 IB Higher Level Mathematics	STEP Typical offer: Grade 1,1 in STEP 2 and 3
Trinity Hall	Typical offer: A*A*A A Level Mathematics, Further Mathematics and Physics (or Further Mathematics including the section on Mechanics)	Typical offer: 41-42, 776 IB Higher Level Mathematics, IB Higher Level Physics or Further Mathematics including the section on mechanics	STEP Typical offer: Grade 1,1 in STEP 2 and 3  Flexible offer scheme: Depending on individual circumstances, we may make an A Level applicant an offer which will be met if they achieve either A*A*A with at least grade 1 in both of STEP papers 2 and 3 OR A*A*A* with at least grade 1 in either STEP paper 2 or 3 (both papers to be taken).
Wolfson	<i>Course not offered at this College</i>	<i>N/A</i>	<i>N/A</i>