

Mathematics with Physics: A Level/IB Requirements by College for 2021 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 2021 entry (or deferred entry for 2022).**

For information on written admission assessments for this course, please see 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 II and III
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 II and III
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 II and III
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 II and III

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Downing	<p>Typical offer: A*A*A A Level Mathematics, Further Mathematics and Physics</p>	<p>Typical offer: 41-43, 776 IB Higher Level Mathematics and Physics</p>	<p>STEP Typical offer: Grade 1,1 in STEP II and III</p> <p>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 II and III OR A*A*A* with at least grade 1 in either STEP paper II or III (both papers to be taken).</p>
Emmanuel	<p>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</p>	<p>Typical offer: 41-42, 776 7 in IB Higher Level Mathematics (Analysis and Approaches) and 7 in Higher Level Physics</p>	<p>STEP Typical offer: Grade 1,1 in STEP II and III</p> <p>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 II and III OR A*A*A* with at least grade 1 in either STEP paper II or III (both papers to be taken).</p>

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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 II and III 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 II and III OR A*A*A* with at least grade 1 in either STEP paper II or III (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 II and III 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 II and III OR A*A*A* with at least grade 1 in either STEP paper II or III (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 II and III

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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 II and III
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: Grade 1,1 in STEP II and III
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 II and III 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 II and III OR A*A*A* with at least grade 1 in either STEP paper II or III (both papers to be taken).

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King'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 or 1,2 or S,1 in STEP II and III 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 II and III OR A*A*A* with at least grade 1 in either STEP paper II or III (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 II and III 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 II and III OR A*A*A* with at least grade 1 in either STEP paper II or III (both papers to be taken).
Magdalene	Typical offer: A*A*A A Level Mathematics, Further Mathematics and Physics	Typical offer: 42, 777 IB Higher Level Mathematics and Physics	STEP Typical offer: Grade 1,1 in STEP II and III

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Murray Edwards	<p>Typical offer: A*A*A A Level Mathematics and Further Mathematics A* in Further Mathematics and A* in Physics (if offered)</p>	<p>Typical offer: 42, 776 7 in IB Higher Level Mathematics and 7 in IB Higher Level Physics (if offered) IB Higher Level Mathematics</p>	<p>STEP Typical offer: Grade 1,1 in STEP II and III</p> <p>For Widening Participation students, STEP may be reduced to Grade 1, 2 in STEP II and III.</p> <p>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.</p>
Newnham	<p>Typical offer: A*A*A A Level Mathematics and Further Mathematics</p>	<p>Typical offer: 41, 776 IB Higher Level Mathematics</p>	<p>STEP Typical offer: Grade 1,1 in STEP II and III</p> <p>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 II and III OR A*A*A* with at least grade 1 in either STEP paper II or III (both papers to be taken).</p>
Pembroke	<p>Typical offer: A*A*A A Level Mathematics and Further Mathematics A* in Mathematics or A* in Further Mathematics</p>	<p>Typical offer: 40-43, 776-777 7 in IB Higher Level Mathematics</p>	<p>STEP Typical offer: Grade 1,1 to S,1 in STEP II and III</p>

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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 or Further Mathematics including the section on mechanics	STEP Typical offer: Grade 1,1 in STEP II and III
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 II and III
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 II and III
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 II and III
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 II and III
St John'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 II and III

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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 II and III
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 II and III 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 II and III OR A*A*A* with at least grade 1 in either STEP paper II or III (both papers to be taken).
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 II and III

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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 II and III 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 II and III OR A*A*A* with at least grade 1 in either STEP paper II or III (both papers to be taken).
Wolfson	<i>Course not offered at this College</i>	<i>N/A</i>	<i>N/A</i>