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).

**Please note this information is provisional and will be confirmed in June 2021**

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<th>College</th>
<th>A Level Entry Requirements</th>
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</table>
| 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                        |
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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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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). |
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). |
Typical offer: Grade 1,1 in STEP 2 and 3 |
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Typical offer: Grade 1,1 in STEP 2 and 3 |
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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: 40-42, 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 and Physics | Typical offer: 42, 777  
IB Higher Level Mathematics and Physics | STEP  
Typical offer: Grade 1,1 in STEP 2 and 3 |

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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 *not* a required subject, but we reserve the right to set an A* condition on it if it is offered. |
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). |
Typical offer: Grade 1,1 to S,1 in STEP 2 and 3 |
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<td>Peterhouse</td>
<td>Typical offer: A<em>A</em>A&lt;br&gt;A Level Mathematics, A Level Physics or Further Mathematics including the section on mechanics</td>
<td>Typical offer: 40-42, 776-777 IB Higher Level Mathematics, IB Higher Level Physics</td>
<td>STEP&lt;br&gt;Typical offer: Grade 1,1 in STEP 2 and 3</td>
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<tr>
<td>Queens'</td>
<td>Typical offer: A<em>A</em>A&lt;br&gt;A Level Mathematics and Further Mathematics</td>
<td>Typical offer: 40-42, 776 IB Higher Level Mathematics</td>
<td>STEP&lt;br&gt;Typical offer: Grade 1,1 in STEP 2 and 3</td>
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<td>Robinson</td>
<td>Typical offer: A<em>A</em>A&lt;br&gt;A Level Mathematics and Further Mathematics</td>
<td>Typical offer: 40-42, 776 IB Higher Level Mathematics</td>
<td>STEP&lt;br&gt;Typical offer: Grade 1,1 in STEP 2 and 3</td>
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<td>St Catharine's</td>
<td>Typical offer: A<em>A</em>A&lt;br&gt;A Level Mathematics&lt;br&gt;A* in Further Mathematics</td>
<td>Typical offer: 40-42, 776 7 in IB Higher Level Mathematics or Further Mathematics</td>
<td>STEP&lt;br&gt;Typical offer: Grade 1,1 in STEP 2 and 3</td>
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<td>St Edmund's</td>
<td>Typical offer: A<em>A</em>A&lt;br&gt;A Level Mathematics and Further Mathematics</td>
<td>Typical offer: 40-42, 776 IB Higher Level Mathematics</td>
<td>STEP&lt;br&gt;Typical offer: Grade 1,1 in STEP 2 and 3</td>
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<td>St John's</td>
<td>Typical offer: A<em>A</em>A&lt;br&gt;A Level Mathematics and Further Mathematics</td>
<td>Typical offer: 40-42, 776 IB Higher Level Mathematics</td>
<td>STEP&lt;br&gt;Typical offer: Grade 1,1 in STEP 2 and 3</td>
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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 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). |
| 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                                                |
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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 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   | Course not offered at this College                                                         | N/A                                                                                    | N/A                                                                                         |