Natural Sciences (Physical): A Level/IB Requirements by College for 2022 Entry

The table below details A Level/International Baccalaureate 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).**

Please note that in the following 'science/mathematics subjects' refers to Biology, Chemistry, Physics, Mathematics and Further Mathematics. It does not include Psychology.

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

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<tr>
<th>College</th>
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<th>IB Entry Requirements</th>
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<tr>
<td>Churchill</td>
<td>Typical offer: A<em>A</em>A&lt;br&gt;A* in Further Mathematics (if taken, otherwise in Mathematics) and A* in one of Chemistry and Physics</td>
<td>Typical offer: 40-43, 776-777&lt;br&gt;7 in IB Higher Level Mathematics and 7 in one of IB Higher Level Chemistry and Physics</td>
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<td>Clare</td>
<td>Typical offer: A<em>A</em>A&lt;br&gt;A Level in at least two science/mathematics subjects</td>
<td>Typical offer: 42, 776&lt;br&gt;IB Higher Level in at least two science/mathematics subjects</td>
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<td>Corpus Christi</td>
<td>Typical offer: A<em>A</em>A&lt;br&gt;A* may be specified in Mathematics or Further Mathematics (if taken), and one other science subject.&lt;br&gt;A Level in at least two science/mathematics subjects</td>
<td>Typical offer: 41-42, 776&lt;br&gt;7 in IB Higher Level Mathematics&lt;br&gt;IB Higher Level in at least two science/mathematics subjects</td>
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| Downing          | Typical offer: A*A*A  
A Level in at least two science/mathematics subjects  
In the case that a candidate only offers two science or mathematics A Levels, a conditional offer is likely to specify an A* in both subjects. | Typical offer: 41-43, 776  
IB Higher Level in at least two science/mathematics subjects |
| Emmanuel         | Typical offer: A*A*A  
A Level in at least two science/mathematics subjects  
Chemistry required for Chemists and Physics required for Physicists | Typical offer: 41-42, 776  
IB Higher Level in at least two science/mathematics subjects  
Chemistry required for Chemists and Physics required for Physicists |
| Fitzwilliam      | Typical offer: A*A*A  
A Level in at least two science/mathematics subjects | Typical offer: 40-42, 776  
IB Higher Level in at least two science/mathematics subjects |
| Girton           | Typical offer: A*A*A  
A Level in Mathematics and either Chemistry or Physics | Typical offer: 41, 776  
IB Higher Level in Mathematics and either Chemistry or Physics |
| Gonville & Caius | Typical offer: A*A*A  
A Level in Mathematics and either Chemistry or Physics | Typical offer: 42, 776  
IB Higher Level in Mathematics and either Chemistry or Physics |
| Homerton         | Typical offer: A*A*A  
A Level in at least two science/mathematics subjects | Typical offer: 40-42, 776  
IB Higher Level in at least two science/mathematics subjects |
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| Hughes Hall   | Typical offer: A*A*A
A* preferred in two relevant science/mathematics subjects
A Level in at least two science/mathematics subjects | Typical offer: 40-42, 776
7 preferred in two relevant science/mathematics IB Higher Level subjects
IB Higher Level in at least two science/mathematics subjects |
| Jesus         | Typical offer: A*A*A
A Level in at least two science/mathematics subjects                                           | Typical offer: 40-42, 776
IB Higher Level in at least two science/mathematics subjects                                |
| King's        | Typical offer: A*A*A
A Level in at least two science/mathematics subjects                                           | Typical offer: 42, 776
IB Higher Level in at least two science/mathematics subjects                                |
| Lucy Cavendish| Typical offer: A*A*A
A Level in Mathematics and at least two of Chemistry, Further Mathematics, and Physics      | Typical offer: 40-42, 776
IB Higher Level in Mathematics and two of Chemistry, Further Mathematics, or Physics      |
| Magdalene     | Typical offer: A*A*A
A Level in Mathematics and at least one of Chemistry, Physics, or Further Mathematics        | Typical offer: 42, 776
IB Higher Level in Mathematics and at least one of Chemistry, Physics, or Further Mathematics |
| Murray Edwards| Typical offer: A*A*A
A Level in at least two science/mathematics subjects
A* in Further Mathematics if offered and A* in Chemistry or Physics                         | Typical offer: 42, 776
IB Higher Level in at least two science/mathematics subjects
7 in IB Higher Level Mathematics and 7 in IB Higher Level Chemistry or IB Higher Level Physics |
| Newnham       | Typical offer: A*A*A
A Level in Mathematics and either Chemistry or Physics                                          | Typical offer: 41, 776
IB Higher Level in Mathematics and either Chemistry or Physics                              |
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<td>Pembroke</td>
<td>Typical offer: A<em>A</em>A&lt;br&gt;A* in Mathematics or Further Mathematics, and A* in Chemistry or Physics&lt;br&gt;A Level in Mathematics and either Chemistry or Physics</td>
<td>Typical offer: 40-43, 776-777&lt;br&gt;7 in IB Higher Level Mathematics or Further Mathematics, and 7 in IB Higher Level Chemistry or Physics&lt;br&gt;IB Higher Level in Mathematics and either Chemistry or Physics</td>
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<td>Peterhouse</td>
<td>Typical offer: A<em>A</em>A&lt;br&gt;A Level in at least two science/mathematics subjects</td>
<td>Typical offer: 40-42, 776-777&lt;br&gt;IB Higher Level in at least two science/mathematics subjects</td>
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<td>Queens'</td>
<td>Typical offer: A<em>A</em>A&lt;br&gt;A Level in Mathematics and at least one of Physics, Chemistry or Biology</td>
<td>Typical offer: 40-42, 776&lt;br&gt;IB Higher Level in Mathematics and at least one of Physics, Chemistry or Biology</td>
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<td>Robinson</td>
<td>Typical offer: A<em>A</em>A&lt;br&gt;A Level in Mathematics and at least one of Physics, Chemistry or Further Mathematics</td>
<td>Typical offer: 40-42, 776&lt;br&gt;IB Higher Level in Mathematics and at least one of Physics, Chemistry or Further Mathematics</td>
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<td>St Catharine's</td>
<td>Typical offer: A<em>A</em>A&lt;br&gt;A* in Maths or Further Maths&lt;br&gt;A Level in at least two science/mathematics subjects</td>
<td>Typical offer: 40-42, 776&lt;br&gt;7 in IB Higher Level Mathematics or Further Mathematics&lt;br&gt;IB Higher Level in at least two science/mathematics subjects</td>
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<td>St Edmund's</td>
<td>Typical offer: A<em>A</em>A&lt;br&gt;A Level in at least two science/mathematics subjects</td>
<td>Typical offer: 40-42, 776&lt;br&gt;IB Higher Level in at least two science/mathematics subjects</td>
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<td>St John's</td>
<td>Typical offer: A<em>A</em>A&lt;br&gt;A Level in three science/mathematics subjects, including at least one mathematical subject</td>
<td>Typical offer: 42, 776&lt;br&gt;IB Higher Level in three science/mathematics subjects, including at least one mathematical subject</td>
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| Selwyn        | Typical offer: A*A*A  
May specify A* in certain subjects  
A Level in at least two science/mathematics subjects | Typical offer: 40-42, 776  
IB Higher Level in at least two science/mathematics subjects |
| Sidney Sussex | Typical offer: A*A*A  
A Level in at least two science/mathematics subjects | Typical offer: 42, 776  
IB Higher Level in at least two science/mathematics subjects |
| Trinity       | Typical offer: A*A*A  
A Level Mathematics and at least two science subjects | Typical offer: 42, 776  
IB Higher Level Mathematics and at least two science subjects |
| Trinity Hall  | Typical offer: A*A*A  
A Level in Mathematics and at least one of Physics,  
Chemistry or Further Mathematics | Typical offer: 41-42, 776  
IB Higher Level in Mathematics and at least one of Physics or Chemistry |
| Wolfson       | Typical offer: A*A*A  
A Level in at least two science/mathematics subjects | Typical offer: 776  
IB Higher Level in at least two science/mathematics subjects |