Engineering: Subject Requirements and Typical Offers

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).**

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

<table>
<thead>
<tr>
<th>College</th>
<th>A Level Entry Requirements</th>
<th>IB Entry Requirements</th>
</tr>
</thead>
<tbody>
<tr>
<td>Christ's</td>
<td>Typical offer: A<em>A</em>A&lt;br&gt;A Level Mathematics and Physics, a third science or&lt;br&gt;mathematical subject at A Level</td>
<td>Typical offer: 42, 776&lt;br&gt;IB Higher Level Mathematics and Physics, a third science or&lt;br&gt;mathematical subject at IB Higher Level</td>
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<td>Clare</td>
<td>Typical offer: A<em>A</em>A&lt;br&gt;A Level Mathematics and Physics</td>
<td>Typical offer: 42, 776&lt;br&gt;IB Higher Level Mathematics and Physics</td>
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<td>Corpus Christi</td>
<td>Typical offer: A<em>A</em>A&lt;br&gt;A* in Mathematics or Further Mathematics (if taken), A Level&lt;br&gt;Physics</td>
<td>Typical offer: 41-42, 776&lt;br&gt;7 in IB Higher Level Mathematics or Further Mathematics (if&lt;br&gt;taken), IB Higher Level Physics</td>
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<td>King's</td>
<td>Typical offer: A<em>A</em>A&lt;br&gt;A Level Mathematics and Physics</td>
<td>Typical offer: 42, 776&lt;br&gt;IB Higher Level Mathematics and Physics</td>
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<tr>
<td>Lucy Cavendish</td>
<td>Typical offer: A<em>A</em>A&lt;br&gt;A Level Mathematics and Physics, a third science or&lt;br&gt;mathematical subject at A Level</td>
<td>Typical offer: 40-42, 776&lt;br&gt;IB Higher Level Mathematics and Physics, a third science or&lt;br&gt;mathematical subject at IB Higher Level</td>
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| Magdalene | Typical offer: A*A*A  
A Level Mathematics and Physics | Typical offer: 42, 776 or 777  
IB Higher Level Mathematics and Physics |
| Murray Edwards | Typical offer: A*A*A  
A Level Mathematics and Physics  
A* in Further Mathematics (if taken), or A* in Mathematics, and A* in Physics | Typical offer: 42, 776  
7 in IB Higher Level Mathematics and 7 in IB Higher Level Physics  
IB Higher Level Mathematics and Physics |
| Newnham   | Typical offer: A*A*A  
A Level Mathematics and Physics | Typical offer: 41, 776  
IB Higher Level Mathematics and Physics |
| Pembroke  | Typical offer: A*A*A  
A* in Mathematics or Further Mathematics (if taken) and A* in Physics | Typical offer: 40-43, 776-777  
7 in IB Higher Level Mathematics or Further Mathematics (if taken) and 7 in IB Higher Level Physics |
| Peterhouse| Typical offer: A*A*A  
A* in Further Maths (if taken), otherwise A* in Mathematics, and A* in Physics  
STEP 2 likely to be requested (see college website for details) | Typical offer: 40-42, 776-777  
7 in IB Higher Level Mathematics, and 7 in IB Higher Level Physics  
STEP 2 likely to be requested (see college website for details) |
| Queens'   | Typical offer: A*A*A  
A Level Mathematics and Physics | Typical offer: 40-42, 776  
IB Higher Level Mathematics and Physics |
| Robinson  | Typical offer: A*A*A  
A Level Mathematics and Physics | Typical offer: 40-42, 776  
IB Higher Level Mathematics and Physics |
### College | A Level Entry Requirements | IB Entry Requirements
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St Catharine's | Typical offer: A*A*A  
A* in Mathematics and A* in Physics | Typical offer: 40-42, 776  
7 in IB Higher Level Mathematics and 7 in IB Higher Level Physics
St Edmund's | Typical offer: A*A*A  
A Level Mathematics and Physics | Typical offer: 40-42, 776  
IB Higher Level Mathematics and Physics
St John's | Typical offer: A*A*A  
A Level Mathematics and Physics | Typical offer: 42, 776  
IB Higher Level Mathematics and Physics
Selwyn | Typical offer: A*A*A  
A Level Mathematics and Physics  
May specify A* in certain subjects | Typical offer: 40-42, 776  
IB Higher Level Mathematics and Physics  
May specify 7 in certain subjects
Sidney Sussex | Typical offer: A*A*A  
A* in Mathematics or Further Mathematics (if taken), A Level Physics | Typical offer: 42, 776  
7 in IB Higher Level Mathematics or Further Mathematics (if taken), IB Higher Level Physics
Trinity | Typical offer: A*A*A  
A Level Mathematics and Physics | Typical offer: 42, 776  
IB Higher Level Mathematics and Physics
Trinity Hall | Typical offer: A*A*A  
A Level Mathematics and Physics | Typical offer: 41-42, 776  
IB Higher Level Mathematics and Physics
Wolfson | Typical offer: A*A*A  
A Level Mathematics and Physics | Typical offer: 776  
IB Higher Level Mathematics and Physics

¹ Gonville & Caius requirements updated 29 July 2021