**Engineering: Entry Requirements by College for 2023 Entry**

The table below details A Level and International Baccalaureate requirements for this course by College, plus any additional requirements. Colleges may still vary offers to take account of individual circumstances. **This information is for 2023 entry (or deferred entry for 2024).**

Please note, IB applicants are expected to take IB Higher Level 'Analysis and Approaches' for any course where Mathematics is a requirement. If this option is not available at your school, please contact a College for further advice and guidance.

All applicants for Engineering are required to take the Engineering Admissions Assessment (ENGAA) at an authorised assessment centre, for which you must be registered in advance. For more information, see [www.cam.ac.uk/assessments](http://www.cam.ac.uk/assessments).

<table>
<thead>
<tr>
<th>College</th>
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<th>Admission assessment</th>
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<tbody>
<tr>
<td>Christ's</td>
<td>Typical offer: A<em>A</em>A A Level Mathematics and Physics, a third science or mathematical subject at A Level</td>
<td>Typical offer: 42, 776 IB Higher Level Mathematics and Physics, a third science or mathematical subject at IB Higher Level</td>
<td>Engineering Admissions Assessment (ENGAA): pre-registration required</td>
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| Emmanuel  | Typical offer: A*A*A  
A* in A Level Mathematics and A* in A Level Physics   | Typical offer: 41-42, 776  
7 in IB Higher Level Mathematics and 7 in IB Higher Level Physics | Engineering Admissions Assessment (ENGAA): pre-registration required |
| Fitzwilliam | Typical offer: A*A*A  
A Level Mathematics and Physics | Typical offer: 40-42, 776  
IB Higher Level Mathematics and Physics | Engineering Admissions Assessment (ENGAA): pre-registration required |
| Girton    | Typical offer: A*A*A  
A Level Mathematics and Physics | Typical offer: 41, 776  
IB Higher Level Mathematics and Physics | Engineering Admissions Assessment (ENGAA): pre-registration required |
| Gonville & Caius | Typical offer: A*A*A  
A Level Mathematics and Physics  
A* in A Level Physics and Further Maths (if taken) | Typical offer: 42, 776  
7 in IB Higher Level Mathematics and Physics | Engineering Admissions Assessment (ENGAA): pre-registration required |
| Homerton  | Typical offer: A*A*A  
A Level Mathematics and Physics | Typical offer: 40-42, 776  
IB Higher Level Mathematics and Physics | Engineering Admissions Assessment (ENGAA): pre-registration required |
| Hughes Hall | Typical offer: A*A*A  
A Level Mathematics and Physics | Typical offer: 40-42, 776  
IB Higher Level Mathematics and Physics | Engineering Admissions Assessment (ENGAA): pre-registration required |
| Jesus     | Typical offer: A*A*A  
A Level Mathematics and Physics | Typical offer: 40-42, 776  
IB Higher Level Mathematics and Physics | Engineering Admissions Assessment (ENGAA): pre-registration required |
| King's    | Typical offer: A*A*A  
A Level Mathematics, Physics, and Further Maths (if available, please see the course page for further guidance) | Typical offer: 42-43, 777  
IB Higher Level Mathematics and Physics | Engineering Admissions Assessment (ENGAA): pre-registration required |
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| Lucy Cavendish | Typical offer: A*A*A  
A Level Mathematics and Physics  
A* in A Level Mathematics or Further Maths (if taken) and A* in A Level Physics | Typical offer: 42, 776  
7 in IB Higher Level Mathematics and 7 in  
IB Higher Level Physics | Engineering Admissions Assessment (ENGAA): pre-registration required |
| Magdalene    | Typical offer: A*A*A  
A Level Mathematics and Physics | Typical offer: 42, 776  
IB Higher Level Mathematics and Physics | Engineering Admissions Assessment (ENGAA): pre-registration required |
| Murray Edwards | Typical offer: A*A*A  
A Level Mathematics and Physics  
A* in A Level Further Maths (if taken), or  
A* in A Level Mathematics, and A* in A Level Physics | Typical offer: 42, 776  
7 in IB Higher Level Mathematics and 7 in  
IB Higher Level Physics | Engineering Admissions Assessment (ENGAA): pre-registration required |
| Newnham      | Typical offer: A*A*A  
A Level Mathematics and Physics | Typical offer: 41, 776  
IB Higher Level Mathematics and Physics | Engineering Admissions Assessment (ENGAA): pre-registration required |
| Pembroke     | Typical offer: A*A*A  
A* in A Level Mathematics and/or Further Maths (if taken) and A* in A Level Physics | Typical offer: 40-43, 776-777  
7 in IB Higher Level Mathematics and 7 in  
IB Higher Level Physics | Engineering Admissions Assessment (ENGAA): pre-registration required |
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<td>St John'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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| Sidney Sussex | Typical offer: A*A*A  
A* in A Level Mathematics or Further Maths (if taken), A Level Physics | Typical offer: 42, 776  
7 in IB Higher Level Mathematics, IB Higher Level Physics | Engineering Admissions Assessment  
(ENGAA): pre-registration required |
| Trinity    | Typical offer: A*A*A  
A Level Mathematics and Physics                                  | Typical offer: 42, 776  
IB Higher Level Mathematics and Physics                | Engineering Admissions Assessment  
(ENGAA): pre-registration required |
| Trinity Hall | Typical offer: A*A*A  
A Level Mathematics and Physics                                   | Typical offer: 41-42, 776  
IB Higher Level Mathematics and Physics                | Engineering Admissions Assessment  
(ENGAA): pre-registration required |
| Wolfson    | Typical offer: A*A*A  
A Level Mathematics and Physics                                    | Typical offer: 776  
IB Higher Level Mathematics and Physics                | Engineering Admissions Assessment  
(ENGAA): pre-registration required |