## Chemical Engineering: 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).**

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>
</table>
| Christ's | Typical offer: A*A*A  
- Via Engineering: A Level Chemistry, Mathematics and Physics  
- Via NatSci: A Level Chemistry and Mathematics | Typical offer: 42, 776  
- Via Engineering: IB Higher Level Chemistry, Mathematics and Physics  
- Via NatSci: IB Higher Level Chemistry, Mathematics and Physics |
| Churchill | Typical offer: A*A*A  
- A* in Further Mathematics (if taken, otherwise in Mathematics) and A* in Chemistry or Physics  
- Via Engineering: A Level Chemistry, Mathematics and Physics  
- Via NatSci: A Level Chemistry and Mathematics | Typical offer: 40-43, 776-777  
- 7 in IB Higher Level Mathematics and 7 in IB Higher Level Chemistry or Physics  
- Via Engineering: IB Higher Level Chemistry, Mathematics and Physics  
- Via NatSci: IB Higher Level Chemistry and Mathematics |
| Clare | Typical offer: A*A*A  
- Via Engineering: A Level Chemistry, Mathematics and Physics  
- Via NatSci: A Level Chemistry and Mathematics | Typical offer: 42, 776  
- Via Engineering: IB Higher Level Chemistry, Mathematics and Physics  
- Via NatSci: IB Higher Level Chemistry and Mathematics |
<table>
<thead>
<tr>
<th>College</th>
<th>A Level Entry Requirements</th>
<th>IB Entry Requirements</th>
</tr>
</thead>
</table>
| Corpus Christi | Typical offer: A*A*A  
A* in Mathematics or Further Mathematics (if taken), A* in Chemistry or Physics  
• Via Engineering: A Level Chemistry, Mathematics and Physics  
• Via NatSci: A Level Chemistry and Mathematics | Typical offer: 41-42, 776  
7 in IB Higher Level Mathematics and 7 in IB Higher Level Chemistry or Physics  
• Via Engineering: IB Higher Level Chemistry, Mathematics and Physics  
• Via NatSci: IB Higher Level Chemistry and Mathematics |
| Downing   | Typical offer: A*A*A  
• Via Engineering: A Level Chemistry, Mathematics and Physics  
• Via NatSci: A Level Chemistry and Mathematics | Typical offer: 41-43, 776  
• Via Engineering: IB Higher Level Chemistry, Mathematics and Physics  
• Via NatSci: IB Higher Level Chemistry and Mathematics |
| Emmanuel  | Typical offer: A*A*A  
A* in Mathematics and Chemistry  
• Via Engineering: A Level Chemistry, Mathematics and Physics  
• Via NatSci: A Level Chemistry and Mathematics | Typical offer: 41-42, 776  
7 in IB Higher Level Mathematics and Chemistry  
• Via Engineering: IB Higher Level Chemistry, Mathematics and Physics  
• Via NatSci: IB Higher Level Chemistry and Mathematics |
| Fitzwilliam | Typical offer: A*A*A  
• Via Engineering: A Level Chemistry, Mathematics and Physics  
• Via NatSci: A Level Chemistry and Mathematics | Typical offer: 40-42, 776  
• Via Engineering: IB Higher Level Chemistry, Mathematics and Physics  
• Via NatSci: IB Higher Level Chemistry and Mathematics |
| Girton    | Typical offer: A*A*A  
• Via Engineering: A Level Chemistry, Mathematics and Physics  
• Via NatSci: A Level Chemistry and Mathematics | Typical offer: 41, 776  
• Via Engineering: IB Higher Level Chemistry, Mathematics and Physics  
• Via NatSci: IB Higher Level Chemistry and Mathematics |
<table>
<thead>
<tr>
<th>College</th>
<th>A Level Entry Requirements</th>
<th>IB Entry Requirements</th>
</tr>
</thead>
</table>
| Gonville & Caius | Typical offer: A*A*A  
• Via Engineering: A Level Chemistry, Mathematics and Physics  
• Via NatSci: A Level Chemistry, Mathematics and Physics | Typical offer: 42, 776  
• Via Engineering: IB Higher Level Chemistry, Mathematics and Physics  
• Via NatSci: IB Higher Level Chemistry, Mathematics and Physics |
| Homerton    | Typical offer: A*A*A  
• Via Engineering: A Level Chemistry, Mathematics and Physics  
• Via NatSci: A Level Chemistry and Mathematics | Typical offer: 41-42, 776  
• Via Engineering: IB Higher Level Chemistry, Mathematics and Physics  
• Via NatSci: IB Higher Level Chemistry and Mathematics |
| Hughes Hall | Typical offer: A*A*A  
A* in Maths, Chemistry, Physics or Further Maths (if taken)  
• Via Engineering: A Level Chemistry, Mathematics and Physics  
• Via NatSci: A Level Chemistry and Mathematics | Typical offer: 40-42, 776  
7 in IB Higher Level Maths, Chemistry, Physics or Further Maths (if taken)  
• Via Engineering: IB Higher Level Chemistry, Mathematics and Physics  
• Via NatSci: IB Higher Level Chemistry and Mathematics |
| Jesus       | Typical offer: A*A*A  
• Via Engineering: A Level Chemistry, Mathematics and Physics  
• Via NatSci: A Level Chemistry and Mathematics | Typical offer: 40-42, 776  
• Via Engineering: IB Higher Level Chemistry, Mathematics and Physics  
• Via NatSci: IB Higher Level Chemistry and Mathematics |
<table>
<thead>
<tr>
<th>College</th>
<th>A Level Entry Requirements</th>
<th>IB Entry Requirements</th>
</tr>
</thead>
<tbody>
<tr>
<td>Murray Edwards</td>
<td>Typical offer: A<em>A</em>A&lt;br&gt;  • A* in Further Mathematics (if offered) and A* in either Chemistry or Physics&lt;br&gt;  • Via Engineering: A Level Chemistry, Mathematics and Physics&lt;br&gt;  • Via NatSci: A Level Chemistry and Mathematics</td>
<td>Typical offer: 42, 776&lt;br&gt;  • 7 in IB Higher Level Mathematics and 7 in either IB Higher Level Chemistry or IB Higher Level Physics&lt;br&gt;  • Via Engineering: IB Higher Level Chemistry, Mathematics and Physics&lt;br&gt;  • Via NatSci: IB Higher Level Chemistry and Mathematics</td>
</tr>
<tr>
<td>College</td>
<td>A Level Entry Requirements</td>
<td>IB Entry Requirements</td>
</tr>
<tr>
<td>-----------</td>
<td>------------------------------------------------------------------------------------------</td>
<td>---------------------------------------------------------------------------------------</td>
</tr>
<tr>
<td>Peterhouse</td>
<td>Typical offer: A<em>A</em>A&lt;br&gt;• Via Engineering: A* in Further Maths (if offered, otherwise A* in Maths), A* in Physics, A Level Chemistry&lt;br&gt;• Via NatSci: A Level Chemistry and Mathematics</td>
<td>Typical offer: 40-42, 776-777&lt;br&gt;• Via Engineering: 7 in IB Higher Level Maths, 7 in IB Higher Level Physics, IB Higher Level Chemistry&lt;br&gt;• Via NatSci: IB Higher Level Chemistry and Mathematics STEP 2 likely to be requested (see college website for details)</td>
</tr>
<tr>
<td>College</td>
<td>A Level Entry Requirements</td>
<td>IB Entry Requirements</td>
</tr>
<tr>
<td>----------------</td>
<td>-----------------------------------------------------------------</td>
<td>-----------------------------------------------------------------</td>
</tr>
</tbody>
</table>
| Robinson       | Typical offer: A*A*A  
• Via Engineering: A Level Chemistry, Mathematics and Physics  
• Via NatSci: A Level Chemistry and Mathematics | Typical offer: 40-42, 776  
• Via Engineering: IB Higher Level Chemistry, Mathematics and Physics  
• Via NatSci: IB Higher Level Chemistry and Mathematics |
| St Catharine's | Typical offer: A*A*A  
• Via Engineering: A Level Chemistry, Mathematics and Physics  
• Via NatSci: A Level Chemistry and Mathematics | Typical offer: 40-42, 776  
• Via Engineering: IB Higher Level Chemistry, Mathematics and Physics  
• Via NatSci: IB Higher Level Chemistry and Mathematics |
| St Edmund's    | Typical offer: A*A*A  
• Via Engineering: A Level Chemistry, Mathematics and Physics  
• Via NatSci: A Level Chemistry and Mathematics | Typical offer: 40-42, 776  
• Via Engineering: IB Higher Level Chemistry, Mathematics and Physics  
• Via NatSci: IB Higher Level Chemistry and Mathematics |
| St John's      | Typical offer: A*A*A  
• Via Engineering: A Level Chemistry, Mathematics and Physics  
• Via NatSci: A Level Chemistry and Mathematics | Typical offer: 42, 776  
• Via Engineering: IB Higher Level Chemistry, Mathematics and Physics  
• Via NatSci: IB Higher Level Chemistry and Mathematics |
| Selwyn         | Typical offer: A*A*A  
• Via Engineering: A Level Chemistry, Mathematics and Physics  
• Via NatSci: A Level Chemistry and Mathematics | Typical offer: 40-42, 776  
• Via Engineering: IB Higher Level Chemistry, Mathematics and Physics  
• Via NatSci: IB Higher Level Chemistry and Mathematics |

May specify A* in certain subjects.
<table>
<thead>
<tr>
<th>College</th>
<th>A Level Entry Requirements</th>
<th>IB Entry Requirements</th>
</tr>
</thead>
</table>
| Sidney Sussex | Typical offer: A*A*A  
- Via Engineering: A Level Chemistry, Mathematics and Physics  
- Via NatSci: A Level Chemistry and Mathematics | Typical offer: 41-42, 776  
- Via Engineering: IB Higher Level Chemistry, Mathematics and Physics  
- Via NatSci: IB Higher Level Chemistry and Mathematics |
| Trinity    | Typical offer: A*A*A  
- Via Engineering: A Level Chemistry, Mathematics and Physics  
- Via NatSci: A Level Chemistry and Mathematics               | Typical offer: 42, 776  
- Via Engineering: IB Higher Level Chemistry, Mathematics and Physics  
- Via NatSci: IB Higher Level Chemistry and Mathematics |
| Trinity Hall | Typical offer: A*A*A  
- Via Engineering: A Level Chemistry, Mathematics and Physics  
- Via NatSci: A Level Chemistry and Mathematics               | Typical offer: 41-42, 776  
- Via Engineering: IB Higher Level Chemistry, Mathematics and Physics  
- Via NatSci: IB Higher Level Chemistry and Mathematics |
| Wolfson    | Typical offer: A*A*A  
- Via Engineering: A Level Chemistry, Mathematics and Physics  
- Via NatSci: A Level Chemistry and Mathematics               | Typical offer: 776  
- Via Engineering: IB Higher Level Chemistry, Mathematics and Physics  
- Via NatSci: IB Higher Level Chemistry and Mathematics |