# 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).

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<th>College</th>
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| 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 |
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| Corpus Christi | Typical offer: A*A*A                                      | Typical offer: 41-42, 776  
7 in IB Higher Level Mathematics and 7 in IB Higher Level Chemistry or Physics |
|             | A* in Mathematics or Further Mathematics (if taken), A* in Chemistry or Physics | • Via Engineering: IB Higher Level Chemistry, Mathematics and Physics       |
|             | • Via Engineering: A Level Chemistry, Mathematics and Physics | • Via NatSci: IB Higher Level Chemistry and Mathematics                     |
|             | • Via NatSci: A Level Chemistry and Mathematics            |                                                                                |
7 in IB Higher Level Mathematics and Chemistry                                  |
|             | • Via Engineering: A Level Chemistry, Mathematics and Physics | • Via Engineering: IB Higher Level Chemistry, Mathematics and Physics         |
|             | • Via NatSci: A Level Chemistry and Mathematics            | • Via NatSci: IB Higher Level Chemistry and Mathematics                      |
| Emmanuel    | Typical offer: A*A*A                                      | Typical offer: 41-42, 776  
7 in IB Higher Level Mathematics and Chemistry                                  |
|             | A* in Mathematics and Chemistry                           | • Via Engineering: IB Higher Level Chemistry, Mathematics and Physics         |
|             | • Via Engineering: A Level Chemistry, Mathematics and Physics | • Via NatSci: IB Higher Level Chemistry and Mathematics                      |
|             | • Via NatSci: A Level Chemistry and Mathematics            |                                                                                |
| Fitzwilliam | Typical offer: A*A*A                                      | Typical offer: 40-42, 776  
7 in IB Higher Level Mathematics and Chemistry                                  |
|             | • Via Engineering: A Level Chemistry, Mathematics and Physics | • Via Engineering: IB Higher Level Chemistry, Mathematics and Physics         |
|             | • Via NatSci: A Level Chemistry and Mathematics            | • Via NatSci: IB Higher Level Chemistry and Mathematics                      |
| Girton      | Typical offer: A*A*A                                      | Typical offer: 41, 776  
7 in IB Higher Level Mathematics and Chemistry                                  |
<p>|             | • Via Engineering: A Level Chemistry, Mathematics and Physics | • Via Engineering: IB Higher Level Chemistry, Mathematics and Physics         |
|             | • Via NatSci: A Level Chemistry and Mathematics            | • Via NatSci: IB Higher Level Chemistry and Mathematics                      |</p>
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| 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 |
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| King's   | 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 |
| Lucy Cavendish | Typical offer: A*A*A  
• Via Engineering: A Level Chemistry, Mathematics and Physics  
• Via NatSci: A Level Chemistry and Mathematics and at least one of A Level Physics or Further Mathematics | Typical offer: 40-42, 776  
• Via Engineering: IB Higher Level Chemistry, Mathematics and Physics  
• Via NatSci: IB Higher Level Chemistry, Mathematics and Physics |
| Magdalene | 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 |
| Murray Edwards | Typical offer: A*A*A  
A* in Further Mathematics (if offered) and A* in either Chemistry or Physics  
• Via Engineering: A Level Chemistry, Mathematics and Physics  
• Via NatSci: A Level Chemistry and Mathematics | Typical offer: 42, 776  
7 in IB Higher Level Mathematics and 7 in either IB Higher Level Chemistry or IB Higher Level Physics  
• Via Engineering: IB Higher Level Chemistry, Mathematics and Physics  
• Via NatSci: IB Higher Level Chemistry and Mathematics |
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<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&lt;br&gt;STEP 2 likely to be requested (see college website for details)</td>
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| 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.
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| 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 |