

## 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).

College	A Level Entry Requirements	IB Entry Requirements
Christ's	Typical offer: A*A*A <ul style="list-style-type: none"> <li>• Via Engineering: A Level Chemistry, Mathematics and Physics</li> <li>• Via NatSci: A Level Chemistry and Mathematics, A Level Physics or Further Mathematics</li> </ul>	Typical offer: 42, 776 <ul style="list-style-type: none"> <li>• Via Engineering: IB Higher Level Chemistry, Mathematics and Physics</li> <li>• Via NatSci: IB Higher Level Chemistry, Mathematics and Physics</li> </ul>
Churchill	Typical offer: A*A*A A* in Further Mathematics (if taken, otherwise in Mathematics) and A* in Chemistry or Physics <ul style="list-style-type: none"> <li>• Via Engineering: A Level Chemistry, Mathematics and Physics</li> <li>• Via NatSci: A Level Chemistry and Mathematics</li> </ul>	Typical offer: 40-43, 776-777 7 in IB Higher Level Mathematics and 7 in IB Higher Level Chemistry or Physics <ul style="list-style-type: none"> <li>• Via Engineering: IB Higher Level Chemistry, Mathematics and Physics</li> <li>• Via NatSci: IB Higher Level Chemistry and Mathematics</li> </ul>
Clare	Typical offer: A*A*A <ul style="list-style-type: none"> <li>• Via Engineering: A Level Chemistry, Mathematics and Physics</li> <li>• Via NatSci: A Level Chemistry and Mathematics</li> </ul>	Typical offer: 42, 776 <ul style="list-style-type: none"> <li>• Via Engineering: IB Higher Level Chemistry, Mathematics and Physics</li> <li>• Via NatSci: IB Higher Level Chemistry and Mathematics</li> </ul>

College	A Level Entry Requirements	IB Entry Requirements
Corpus Christi	<p>Typical offer: A*A*A A* in Mathematics or Further Mathematics (if taken), A* in Chemistry or Physics</p> <ul style="list-style-type: none"> <li>• Via Engineering: A Level Chemistry, Mathematics and Physics</li> <li>• Via NatSci: A Level Chemistry and Mathematics</li> </ul>	<p>Typical offer: 41-42, 776 7 in IB Higher Level Mathematics and 7 in IB Higher Level Chemistry or Physics</p> <ul style="list-style-type: none"> <li>• Via Engineering: IB Higher Level Chemistry, Mathematics and Physics</li> <li>• Via NatSci: IB Higher Level Chemistry and Mathematics</li> </ul>
Downing	<p>Typical offer: A*A*A</p> <ul style="list-style-type: none"> <li>• Via Engineering: A Level Chemistry, Mathematics and Physics</li> <li>• Via NatSci: A Level Chemistry and Mathematics</li> </ul>	<p>Typical offer: 41-43, 776</p> <ul style="list-style-type: none"> <li>• Via Engineering: IB Higher Level Chemistry, Mathematics and Physics</li> <li>• Via NatSci: IB Higher Level Chemistry and Mathematics</li> </ul>
Emmanuel	<p>Typical offer: A*A*A A* in Mathematics and Chemistry</p> <ul style="list-style-type: none"> <li>• Via Engineering: A Level Chemistry, Mathematics and Physics</li> <li>• Via NatSci: A Level Chemistry and Mathematics</li> </ul>	<p>Typical offer: 41-42, 776 7 in IB Higher Level Mathematics and Chemistry</p> <ul style="list-style-type: none"> <li>• Via Engineering: IB Higher Level Chemistry, Mathematics and Physics</li> <li>• Via NatSci: IB Higher Level Chemistry and Mathematics</li> </ul>
Fitzwilliam	<p>Typical offer: A*A*A</p> <ul style="list-style-type: none"> <li>• Via Engineering: A Level Chemistry, Mathematics and Physics</li> <li>• Via NatSci: A Level Chemistry and Mathematics</li> </ul>	<p>Typical offer: 40-42, 776</p> <ul style="list-style-type: none"> <li>• Via Engineering: IB Higher Level Chemistry, Mathematics and Physics</li> <li>• Via NatSci: IB Higher Level Chemistry and Mathematics</li> </ul>
Girton	<p>Typical offer: A*A*A</p> <ul style="list-style-type: none"> <li>• Via Engineering: A Level Chemistry, Mathematics and Physics</li> <li>• Via NatSci: A Level Chemistry and Mathematics</li> </ul>	<p>Typical offer: 41, 776</p> <ul style="list-style-type: none"> <li>• Via Engineering: IB Higher Level Chemistry, Mathematics and Physics</li> <li>• Via NatSci: IB Higher Level Chemistry and Mathematics</li> </ul>

College	A Level Entry Requirements	IB Entry Requirements
Gonville & Caius	Typical offer: A*A*A <ul style="list-style-type: none"> <li>• Via Engineering: A Level Chemistry, Mathematics and Physics</li> <li>• Via NatSci: A Level Chemistry, Mathematics and Physics</li> </ul>	Typical offer: 42, 776 <ul style="list-style-type: none"> <li>• Via Engineering: IB Higher Level Chemistry, Mathematics and Physics</li> <li>• Via NatSci: IB Higher Level Chemistry, Mathematics and Physics</li> </ul>
Homerton	Typical offer: A*A*A <ul style="list-style-type: none"> <li>• Via Engineering: A Level Chemistry, Mathematics and Physics</li> <li>• Via NatSci: A Level Chemistry and Mathematics</li> </ul>	Typical offer: 41-42, 776 <ul style="list-style-type: none"> <li>• Via Engineering: IB Higher Level Chemistry, Mathematics and Physics</li> <li>• Via NatSci: IB Higher Level Chemistry and Mathematics</li> </ul>
Hughes Hall	Typical offer: A*A*A A* in Maths, Chemistry, Physics or Further Maths (if taken) <ul style="list-style-type: none"> <li>• Via Engineering: A Level Chemistry, Mathematics and Physics</li> <li>• Via NatSci: A Level Chemistry and Mathematics</li> </ul>	Typical offer: 40-42, 776 7 in IB Higher Level Maths, Chemistry, Physics or Further Maths (if taken) <ul style="list-style-type: none"> <li>• Via Engineering: IB Higher Level Chemistry, Mathematics and Physics</li> <li>• Via NatSci: IB Higher Level Chemistry and Mathematics</li> </ul>
Jesus	Typical offer: A*A*A <ul style="list-style-type: none"> <li>• Via Engineering: A Level Chemistry, Mathematics and Physics</li> <li>• Via NatSci: A Level Chemistry and Mathematics</li> </ul>	Typical offer: 40-42, 776 <ul style="list-style-type: none"> <li>• Via Engineering: IB Higher Level Chemistry, Mathematics and Physics</li> <li>• Via NatSci: IB Higher Level Chemistry and Mathematics</li> </ul>

College	A Level Entry Requirements	IB Entry Requirements
King's	<p>Typical offer: A*A*A</p> <ul style="list-style-type: none"> <li>• Via Engineering: A Level Chemistry, Mathematics and Physics</li> <li>• Via NatSci: A Level Chemistry, Mathematics and Physics</li> </ul>	<p>Typical offer: 42, 776</p> <ul style="list-style-type: none"> <li>• Via Engineering: IB Higher Level Chemistry, Mathematics and Physics</li> <li>• Via NatSci: IB Higher Level Chemistry, Mathematics and Physics</li> </ul>
Lucy Cavendish	<p>Typical offer: A*A*A</p> <ul style="list-style-type: none"> <li>• Via Engineering: A Level Chemistry, Mathematics and Physics</li> <li>• Via NatSci: A Level Chemistry and Mathematics and at least one of A Level Physics or Further Mathematics</li> </ul>	<p>Typical offer: 40-42, 776</p> <ul style="list-style-type: none"> <li>• Via Engineering: IB Higher Level Chemistry, Mathematics and Physics</li> <li>• Via NatSci: IB Higher Level Chemistry, Mathematics and Physics</li> </ul>
Magdalene	<p>Typical offer: A*A*A</p> <ul style="list-style-type: none"> <li>• Via Engineering: A Level Chemistry, Mathematics and Physics</li> <li>• Via NatSci: A Level Chemistry, Mathematics and Physics</li> </ul>	<p>Typical offer: 42, 776</p> <ul style="list-style-type: none"> <li>• Via Engineering: IB Higher Level Chemistry, Mathematics and Physics</li> <li>• Via NatSci: IB Higher Level Chemistry, Mathematics and Physics</li> </ul>
Murray Edwards	<p>Typical offer: A*A*A</p> <p>A* in Further Mathematics (if offered) and A* in either Chemistry or Physics</p> <ul style="list-style-type: none"> <li>• Via Engineering: A Level Chemistry, Mathematics and Physics</li> <li>• Via NatSci: A Level Chemistry and Mathematics</li> </ul>	<p>Typical offer: 42, 776</p> <p>7 in IB Higher Level Mathematics and 7 in either IB Higher Level Chemistry or IB Higher Level Physics</p> <ul style="list-style-type: none"> <li>• Via Engineering: IB Higher Level Chemistry, Mathematics and Physics</li> <li>• Via NatSci: IB Higher Level Chemistry and Mathematics</li> </ul>

College	A Level Entry Requirements	IB Entry Requirements
Newnham	<p>Typical offer: A*A*A</p> <ul style="list-style-type: none"> <li>• Via Engineering: A Level Chemistry, Mathematics and Physics</li> <li>• Via NatSci: A Level Chemistry and Mathematics</li> </ul>	<p>Typical offer: 41, 776</p> <ul style="list-style-type: none"> <li>• Via Engineering: IB Higher Level Chemistry, Mathematics and Physics</li> <li>• Via NatSci: IB Higher Level Chemistry and Mathematics</li> </ul>
Pembroke	<p>Typical offer: A*A*A A* in Further Mathematics (if offered), otherwise A* in Mathematics</p> <ul style="list-style-type: none"> <li>• Via Engineering: A* in Physics, A Level Chemistry and Mathematics</li> <li>• Via NatSci: A* in Chemistry, A Level Mathematics</li> </ul>	<p>Typical offer: 40-43, 776-777</p> <ul style="list-style-type: none"> <li>• Via Engineering: 7 in IB Higher Level Physics, IB Higher Level Chemistry and Mathematics</li> <li>• Via NatSci: 7 in IB Higher Level Chemistry, IB Higher Level Mathematics</li> </ul>
Peterhouse	<p>Typical offer: A*A*A</p> <ul style="list-style-type: none"> <li>• Via Engineering: A* in Further Maths (if offered, otherwise A* in Maths), A* in Physics, A Level Chemistry</li> <li>• Via NatSci: A Level Chemistry and Mathematics</li> </ul> <p>STEP 2 likely to be requested (see <a href="#">college website</a> for details)</p>	<p>Typical offer: 40-42, 776-777</p> <ul style="list-style-type: none"> <li>• Via Engineering: 7 in IB Higher Level Maths, 7 in IB Higher Level Physics, IB Higher Level Chemistry</li> <li>• Via NatSci: IB Higher Level Chemistry and Mathematics</li> </ul> <p>STEP 2 likely to be requested (see <a href="#">college website</a> for details)</p>
Queens'	<p>Typical offer: A*A*A</p> <ul style="list-style-type: none"> <li>• Via Engineering: A Level Chemistry, Mathematics and Physics</li> <li>• Via NatSci: A Level Chemistry and Mathematics</li> </ul>	<p>Typical offer: 40-42, 776</p> <ul style="list-style-type: none"> <li>• Via Engineering: IB Higher Level Chemistry, Mathematics and Physics</li> <li>• Via NatSci: IB Higher Level Chemistry and Mathematics</li> </ul>

College	A Level Entry Requirements	IB Entry Requirements
Robinson	Typical offer: A*A*A <ul style="list-style-type: none"> <li>• Via Engineering: A Level Chemistry, Mathematics and Physics</li> <li>• Via NatSci: A Level Chemistry and Mathematics</li> </ul>	Typical offer: 40-42, 776 <ul style="list-style-type: none"> <li>• Via Engineering: IB Higher Level Chemistry, Mathematics and Physics</li> <li>• Via NatSci: IB Higher Level Chemistry and Mathematics</li> </ul>
St Catharine's	Typical offer: A*A*A <ul style="list-style-type: none"> <li>• Via Engineering: A Level Chemistry, Mathematics and Physics</li> <li>• Via NatSci: A Level Chemistry and Mathematics</li> </ul>	Typical offer: 40-42, 776 <ul style="list-style-type: none"> <li>• Via Engineering: IB Higher Level Chemistry, Mathematics and Physics</li> <li>• Via NatSci: IB Higher Level Chemistry and Mathematics</li> </ul>
St Edmund's	Typical offer: A*A*A <ul style="list-style-type: none"> <li>• Via Engineering: A Level Chemistry, Mathematics and Physics</li> <li>• Via NatSci: A Level Chemistry and Mathematics</li> </ul>	Typical offer: 40-42, 776 <ul style="list-style-type: none"> <li>• Via Engineering: IB Higher Level Chemistry, Mathematics and Physics</li> <li>• Via NatSci: IB Higher Level Chemistry and Mathematics</li> </ul>
St John's	Typical offer: A*A*A <ul style="list-style-type: none"> <li>• Via Engineering: A Level Chemistry, Mathematics and Physics</li> <li>• Via NatSci: A Level Chemistry and Mathematics</li> </ul>	Typical offer: 42, 776 <ul style="list-style-type: none"> <li>• Via Engineering: IB Higher Level Chemistry, Mathematics and Physics</li> <li>• Via NatSci: IB Higher Level Chemistry and Mathematics</li> </ul>
Selwyn	Typical offer: A*A*A <ul style="list-style-type: none"> <li>• Via Engineering: A Level Chemistry, Mathematics and Physics</li> <li>• Via NatSci: A Level Chemistry and Mathematics</li> </ul> <p>May specify A* in certain subjects.</p>	Typical offer: 40-42, 776 <ul style="list-style-type: none"> <li>• Via Engineering: IB Higher Level Chemistry, Mathematics and Physics</li> <li>• Via NatSci: IB Higher Level Chemistry and Mathematics</li> </ul>

College	A Level Entry Requirements	IB Entry Requirements
Sidney Sussex	Typical offer: A*A*A <ul style="list-style-type: none"> <li>• Via Engineering: A Level Chemistry, Mathematics and Physics</li> <li>• Via NatSci: A Level Chemistry and Mathematics</li> </ul>	Typical offer: 41-42, 776 <ul style="list-style-type: none"> <li>• Via Engineering: IB Higher Level Chemistry, Mathematics and Physics</li> <li>• Via NatSci: IB Higher Level Chemistry and Mathematics</li> </ul>
Trinity	Typical offer: A*A*A <ul style="list-style-type: none"> <li>• Via Engineering: A Level Chemistry, Mathematics and Physics</li> <li>• Via NatSci: A Level Chemistry and Mathematics</li> </ul>	Typical offer: 42, 776 <ul style="list-style-type: none"> <li>• Via Engineering: IB Higher Level Chemistry, Mathematics and Physics</li> <li>• Via NatSci: IB Higher Level Chemistry and Mathematics</li> </ul>
Trinity Hall	Typical offer: A*A*A <ul style="list-style-type: none"> <li>• Via Engineering: A Level Chemistry, Mathematics and Physics</li> <li>• Via NatSci: A Level Chemistry and Mathematics</li> </ul>	Typical offer: 41-42, 776 <ul style="list-style-type: none"> <li>• Via Engineering: IB Higher Level Chemistry, Mathematics and Physics</li> <li>• Via NatSci: IB Higher Level Chemistry and Mathematics</li> </ul>
Wolfson	Typical offer: A*A*A <ul style="list-style-type: none"> <li>• Via Engineering: A Level Chemistry, Mathematics and Physics</li> <li>• Via NatSci: A Level Chemistry and Mathematics</li> </ul>	Typical offer: 776 <ul style="list-style-type: none"> <li>• Via Engineering: IB Higher Level Chemistry, Mathematics and Physics</li> <li>• Via NatSci: IB Higher Level Chemistry and Mathematics</li> </ul>