

Chemical Engineering: Subject Requirements and Typical Offer by College

All Colleges require the following subjects at A Level/IB Higher Level:

- **Engineering route - Chemistry, Maths and Physics**
- **Natural Sciences route - Chemistry and Maths**

Any variation to this or additional A Level/IB Higher Level requirements by College are indicated below. Colleges may still vary offers to take account of individual circumstances. *This information is provisional; final information for 2020 entry (or deferred entry to 2021) will be available by July 2019.*

College	Typical A Level Offer	Typical IB Offer	Additional Requirements (see above)
Christ's	A*A*A	42 with 776 at Higher Level	STEP I Maths for Chemical Engineering via Engineering route
Churchill	A*A*A	40-43 with 776-777 at Higher Level	A Level: A* in Further Maths (if taken, otherwise A* in Maths) and A* in Chemistry or Physics IB: 7 in Maths and 7 in Chemistry or Physics
Clare	A*A*A	42 with 776 at Higher Level	None
Corpus Christi	A*A*A	41-42 with 776 at Higher Level	A*/7 in Maths or Further Maths (if taken), and A*/7 in Chemistry
Downing	A*A*A	41-43 with 776 at Higher Level	A* in Further Maths (if taken)
Emmanuel	A*A*A	41-42 with 776 at Higher Level	A*/7 in Maths and Chemistry
Fitzwilliam	A*A*A	41-42	None
Girton	A*A*A	41 with 776 at Higher Level	None
Gonville & Caius	A*A*A	42 with 776 at Higher Level	<i>Natural Sciences route - A Level/IB Higher Level Physics</i>
Homerton	A*A*A	40-42 with 776 at Higher Level	A*/7 in Maths
Hughes Hall	A*A*A	40-42 with 776 at Higher Level	A*/7 in Maths or Chemistry or Physics or Further Maths (if taken)
Jesus	A*A*A	40-42 with 776 at Higher Level	None
King's	A*A*A	40-42 with 776 at Higher Level	A Level Further Maths can be offered in place of A Level Physics (mechanics modules within Maths are better preparation than

			most Physics modules)
Lucy Cavendish	A*A*A	40-42	None
Magdalene	A*A*A	42 with 776 at Higher Level	None
Murray Edwards	A*A*A	42 with 776 at Higher Level	<i>Engineering route</i> - A* in either Physics or Chemistry and A* in Further Maths if offered <i>Natural Sciences route</i> - A* in either Physics or Chemistry and A* in Further Maths if offered
Newnham	A*A*A	41 with 776 at Higher Level	None
Pembroke	A*A*A	40-43 with 776-777 at Higher Level	<i>Both routes</i> - A*/7 in Maths or Further Maths (if taken), and <i>Engineering route</i> - A*/7 in Physics; <i>Natural Sciences route</i> - A*/7 Chemistry
Peterhouse	A*A*A	40-42 with 776-777 at Higher Level	A*/7 in Further Maths (if offered), otherwise A*/7 in Maths, and A*/7 in Physics Grade I in STEP I may be required as part of an offer.
Queens'	A*A*A	40-42 with 776 at Higher Level	<i>Engineering route</i> - A*/7 in Further Maths (if taken) otherwise A*/7 in Maths and Physics <i>Natural Sciences route</i> - A Level/IB Higher Level Maths and at least one of Physics/Chemistry/Biology. 7 in Maths and Physics
Robinson	A*A*A	40-42 with 776 at Higher Level	None
Selwyn	A*A*A	40-42 with 776 at Higher Level	None
Sidney Sussex	A*A*A	41-42 with 776 at Higher Level	None
St Catharine's	A*A*A	40-42 with 776 at Higher Level	None
St Edmund's	A*A*A	40-42 with 776 at Higher Level	None
St John's	A*A*A	40-42 with 776 at Higher Level	None
Trinity	A*A*A	42 with 776 at Higher Level	None
Trinity Hall	A*A*A	41-42 with 776 at Higher Level	None
Wolfson	A*A*A	40-42 with 776 at Higher Level	None