

## Natural Sciences (Physical): 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).**

Please note that in the following 'science/mathematics subjects' refers to Biology, Chemistry, Physics, Mathematics and Further Mathematics. It does not include Psychology.

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 A Level Mathematics and two of Chemistry, Further Mathematics, Physics	Typical offer: 42, 776 IB Higher Level Mathematics and two of Chemistry, Further Mathematics, Physics
Churchill	Typical offer: A*A*A A* in Further Mathematics (if taken, otherwise in Mathematics) and A* in one of Chemistry and Physics	Typical offer: 40-43, 776-777 7 in IB Higher Level Mathematics and 7 in one of IB Higher Level Chemistry and Physics
Clare	Typical offer: A*A*A A Level in at least two science/mathematics subjects	Typical offer: 42, 776 IB Higher Level in at least two science/mathematics subjects
Corpus Christi	Typical offer: A*A*A A* may be specified in Mathematics or Further Mathematics (if taken), and one other science subject. A Level in at least two science/mathematics subjects	Typical offer: 41-42, 776 7 in IB Higher Level Mathematics IB Higher Level in at least two science/mathematics subjects

College	A Level Entry Requirements	IB Entry Requirements
Downing	Typical offer: A*A*A A Level in at least two science/mathematics subjects In the case that a candidate only offers two science or mathematics A Levels, a conditional offer is likely to specify an A* in both subjects.	Typical offer: 41-43, 776 IB Higher Level in at least two science/mathematics subjects
Emmanuel	Typical offer: A*A*A A Level in at least two science/mathematics subjects Chemistry required for Chemists and Physics required for Physicists	Typical offer: 41-42, 776 IB Higher Level in at least two science/mathematics subjects Chemistry required for Chemists and Physics required for Physicists
Fitzwilliam	Typical offer: A*A*A A Level in at least two science/mathematics subjects	Typical offer: 40-42, 776 IB Higher Level in at least two science/mathematics subjects
Girton	Typical offer: A*A*A A Level in Mathematics and either Chemistry or Physics	Typical offer: 41, 776 IB Higher Level in Mathematics and either Chemistry or Physics
Gonville & Caius	Typical offer: A*A*A A Level in Mathematics and either Chemistry or Physics	Typical offer: 42, 776 IB Higher Level in Mathematics and either Chemistry or Physics
Homerton	Typical offer: A*A*A A Level in at least two science/mathematics subjects	Typical offer: 40-42, 776 IB Higher Level in at least two science/mathematics subjects

College	A Level Entry Requirements	IB Entry Requirements
Hughes Hall	Typical offer: A*A*A A* preferred in two relevant science/mathematics subjects A Level in at least two science/mathematics subjects	Typical offer: 40-42, 776 7 preferred in two relevant science/mathematics IB Higher Level subjects IB Higher Level in at least two science/mathematics subjects
Jesus	Typical offer: A*A*A A Level in at least two science/mathematics subjects	Typical offer: 40-42, 776 IB Higher Level in at least two science/mathematics subjects
King's	Typical offer: A*A*A A Level in at least two science/mathematics subjects	Typical offer: 42, 776 IB Higher Level in at least two science/mathematics subjects
Lucy Cavendish	Typical offer: A*A*A A Level in Mathematics and at least two of Chemistry, Further Mathematics, and Physics	Typical offer: 40-42, 776 IB Higher Level in Mathematics and two of Chemistry, Further Mathematics, or Physics
Magdalene	Typical offer: A*A*A A Level in Mathematics and at least one of Chemistry, Physics, or Further Mathematics	Typical offer: 42, 776 IB Higher Level in Mathematics and at least one of Chemistry, Physics, or Further Mathematics
Murray Edwards	Typical offer: A*A*A A Level in at least two science/mathematics subjects A* in Further Mathematics if offered and A* in Chemistry or Physics	Typical offer: 42, 776 IB Higher Level in at least two science/mathematics subjects 7 in IB Higher Level Mathematics and 7 in IB Higher Level Chemistry or IB Higher Level Physics
Newnham	Typical offer: A*A*A A Level in Mathematics and either Chemistry or Physics	Typical offer: 41, 776 IB Higher Level in Mathematics and either Chemistry or Physics

College	A Level Entry Requirements	IB Entry Requirements
Pembroke	Typical offer: A*A*A A* in Mathematics or Further Mathematics, and A* in Chemistry or Physics A Level in Mathematics and either Chemistry or Physics	Typical offer: 40-43, 776-777 7 in IB Higher Level Mathematics or Further Mathematics, and 7 in IB Higher Level Chemistry or Physics IB Higher Level in Mathematics and either Chemistry or Physics
Peterhouse	Typical offer: A*A*A A Level in at least two science/mathematics subjects	Typical offer: 40-42, 776-777 IB Higher Level in at least two science/mathematics subjects
Queens'	Typical offer: A*A*A A Level in Mathematics and at least one of Physics, Chemistry or Biology	Typical offer: 40-42, 776 IB Higher Level in Mathematics and at least one of Physics, Chemistry or Biology
Robinson	Typical offer: A*A*A A Level in Mathematics and at least one of Physics, Chemistry or Further Mathematics	Typical offer: 40-42, 776 IB Higher Level in Mathematics and at least one of Physics, Chemistry or Further Mathematics
St Catharine's	Typical offer: A*A*A A* in Maths or Further Maths A Level in at least two science/mathematics subjects	Typical offer: 40-42, 776 7 in IB Higher Level Mathematics or Further Mathematics IB Higher Level in at least two science/mathematics subjects
St Edmund's	Typical offer: A*A*A A Level in at least two science/mathematics subjects	Typical offer: 40-42, 776 IB Higher Level in at least two science/mathematics subjects
St John's	Typical offer: A*A*A A Level in three science/mathematics subjects, including at least one mathematical subject	Typical offer: 42, 776 IB Higher Level in three science/mathematics subjects, including at least one mathematical subject

<b>College</b>	<b>A Level Entry Requirements</b>	<b>IB Entry Requirements</b>
Selwyn	Typical offer: A*A*A May specify A* in certain subjects A Level in at least two science/mathematics subjects	Typical offer: 40-42, 776 IB Higher Level in at least two science/mathematics subjects
Sidney Sussex	Typical offer: A*A*A A Level in at least two science/mathematics subjects	Typical offer: 42, 776 IB Higher Level in at least two science/mathematics subjects
Trinity	Typical offer: A*A*A A Level Mathematics and at least two science subjects	Typical offer: 42, 776 IB Higher Level Mathematics and at least two science subjects
Trinity Hall	Typical offer: A*A*A A Level in Mathematics and at least one of Physics, Chemistry or Further Mathematics	Typical offer: 41-42, 776 IB Higher Level in Mathematics and at least one of Physics or Chemistry
Wolfson	Typical offer: A*A*A A Level in at least two science/mathematics subjects	Typical offer: 776 IB Higher Level in at least two science/mathematics subjects