

## Academic qualifications

The qualifications below are the minimum required for direct application to A100. If your country is not on the list below, please contact [medicine@lancaster.ac.uk](mailto:medicine@lancaster.ac.uk) for advice.

Nation	Qualification	Requirement
Australia	Senior Secondary Certificate of Education & ATAR / OP	ATAR of at least 98 including Biology and Chemistry <sup>1</sup> or Queensland OP of 2
Austria	Reifeprüfung / Matura	A score of 1 (sehr gut) in Biology and Chemistry <sup>1</sup> , with a 2 (gut) in all other subjects
Belgium	Diploma van Hoger Secundair Onderwijs, Certificate d'Enseignement Secondaire Supérieur or Abschlusszeugnis	An overall score of at least 80% (16/20 or 8/10) and 80% in Biology and Chemistry <sup>1</sup>
Brunei	Brunei-Cambridge GCE A-levels	A*AA including Biology and Chemistry <sup>1</sup>
Bulgaria	Diploma za Zavarsheno Sredno Obrazovanie	An overall grade of at least 5.5 with grade 6 in both Biology and Chemistry <sup>1</sup>
Canada	Ontario Secondary School Diploma (OSSD) or equivalent	At least 90% average in six grade 12 U or M courses including Biology and Chemistry <sup>1</sup>
Caribbean Islands	Caribbean Advanced Proficiency Examination (CAPE)	Grade 1 in 3 CAPE-2 Units including Biology and Chemistry <sup>1</sup>
Croatia	Matura	4.8 average with no less than 5 achieved in Biology and Chemistry <sup>1</sup>
Cyprus	Cypriot Apolytirio / Greek Apolytirio of Lykeio	A minimum average of 19.5, plus 19 in 3 specified (Katefthinis) subjects including Biology and Chemistry <sup>1</sup>
Czech Republic	Vysvědčení o maturitní zkoušce	1.5 average with no less than 1 in Biology and Chemistry <sup>1</sup>
Denmark	Bevis for Studentereksamen	A score of 11 overall, including 11 in Biology and Chemistry <sup>1</sup>
Estonia	Gümnaasiumi Lõputunnistus and Riigieksamid	5.0 overall in at least 5 subjects including Biology and Chemistry <sup>1</sup> 90% average in 3 State Examinations
Finland	Ylioppilastutkintodistus	3 subjects at Laudatur (7) including Biology and Chemistry <sup>1</sup>
France	French Baccalaureate (Série scientifique)	An average of 15 and a minimum of 15 in 2 principal subjects including Biology and Chemistry <sup>1</sup>
Germany	Abitur	A GPA of 1.3 or less plus a minimum of 13 in 3 Leistungskurs subjects including Biology and Chemistry <sup>1</sup>
Greece	Apolytirion of Lykeio	A minimum average of 19 plus 19.5 in 3 specified subjects including Biology and Chemistry <sup>1</sup>
Hong Kong	Hong Kong Diploma of Secondary Education (HKDSE)	5, 5, 5 in 3 elective subjects including Biology and Chemistry <sup>1</sup> (excluding Integrated Science or Combined Science) and at least 5, 5, 4, 4 in the 4 core subjects, including English Language at 5.
Hungary	Erettsegi	Grade 5 in 5 subjects taken in Grade 12 including Biology and Chemistry <sup>1</sup>
India	Indian Certificate of Secondary Education (Standard XII)	An average of 90% at Standard XII and no less than 90% in Biology and Chemistry <sup>1</sup> at Standard XII
Iran	Pre-University Certificate or National Entrance Examination (Konkur)	An overall score of 19 and no less than 18 in Biology and Chemistry <sup>1</sup>

Nation	Qualification	Requirement
Ireland	Irish leaving certificate	H1, H1, H2, H2, H2, H2 inc. H1 in two of Biology, Chemistry or Psychology
Israel	Bagrut	An average score of 90% across all units and an average score of 90% for Level 4 or 5 Biology and Chemistry <sup>1</sup>
Italy	Diploma di Esame di Stato	A minimum average 96% with no less than 9 in Natural Science
Latvia	Atestāts par vispārējo vidējo izglītību	An overall score of 9.0 with 85% or above in State exams, which must include both Biology and Chemistry <sup>1</sup>
Lithuania	Brandos Atestatas	An average of 90% (9.0) with no less than 85% (8.5) in Biology and Chemistry <sup>1</sup>
Luxembourg	Diplome de Fin d'Etudes Secondaires	A minimum of 50 points (tres bien) with 50 achieved in Biology and Chemistry <sup>1</sup>
Malaysia	Sijil Tinggi Persekolahan Malaysia (STPM)	AAA including Biology and Chemistry <sup>1</sup>
Netherlands	Diplome Voorbereidend Wetenschappelijk Onderwijs (VWO)	An average of 8.5 with a minimum of 8 in Biology and Chemistry <sup>1</sup>
New Zealand	University Entrance with National Certificate in Educational Level 3 (NCEA)	Achieve University Entrance through NCEA Level 3, with three subjects at L3 or above, made up of 14 credits each, in three approved subjects at grade E, including Biology and Chemistry <sup>1</sup>
Norway	Vitnemål – videregående opplæring (VVO)	An overall grade of at least 5.5 with grade 6 in both Biology and Chemistry <sup>1</sup>
Poland	Matura	An average of 85% with at least 85% in Biology and Chemistry <sup>1</sup> at Extended level
Portugal	Diploma de Ensino Secundario	An average of 19 plus a minimum of 18 in 3 specified subjects including Biology and Chemistry <sup>1</sup>
Romania	Diploma de Bacalaureat	An overall score of 9 with 9 in Biology and Chemistry <sup>1</sup>
Singapore	Singapore/Cambridge A-levels	AAA in Singapore-Cambridge H2 A-levels including Biology and Chemistry <sup>1</sup>
	NUS High School Diploma	Graduation CAP requirements 4.5/5
Slovenia	Spričevalo o splošni maturi	4.8 average with no less than 5 in Biology and Chemistry <sup>1</sup>
South Africa	South African National Senior Certificate (SANSC)	A score of 7 in 6 subjects, excluding life orientation, and no less than 7 in Life Sciences and Physical Sciences.
Spain	Titulo de Bachiller	An average of 9.3 out of 10 overall with 9 in Biology and Chemistry <sup>1</sup>
Sri Lanka	Sri Lanka Advanced Level	AAA in Sri Lankan A-levels including Biology and Chemistry <sup>1</sup>
Sweden	Avgångsbetyg/Slutbetyg Fran Gymnasieskola	An A in the majority of final year subjects including Biology and Chemistry <sup>1</sup> and no less than a B grade in the remaining subjects.
Switzerland	Certificat de maturité / Attestato di maturità / Maturitätszeugnis	An average of 5.7 or above with 6 in Biology and Chemistry <sup>1</sup>
USA	High School Diploma (HSD) and SAT or ACT and Advanced placements (APs)	At least 3.5 in HSD and either SAT at 1300 or ACT Composite Score of 28 or above and 4 Group A Aps at grades 5, 5, 5, 4 with a 5 in Biology and Chemistry <sup>1</sup>

### Additional Information

1. Where available, Psychology can act as a replacement for one of either Biology or Chemistry.