



Cambridge Assessment  
International Education

# Destination Pakistan

Using your Cambridge  
qualifications to study  
in Pakistan

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## About us

Cambridge Assessment International Education prepares school students for life, helping them develop an informed curiosity and a lasting passion for learning. We are part of the University of Cambridge.

Our Cambridge Pathway gives students a clear path for educational success from age 5 to 19. Schools can shape the curriculum around how they want students to learn – with a wide range of subjects and flexible ways to offer them. It helps students discover new abilities and a wider world, and gives them the transferable skills they need for life, so they can achieve at school, university and work.

## Making the right choice

Cambridge international qualifications are a passport to success – in education, university and work. A Cambridge international education is designed for international students. Content is multicultural and a wide range of subjects are available – including many country-specific courses.

Choosing a course of study is one of the most important decisions a student will make. It is essential to check that qualifications are widely accepted and valued by further education institutes, universities and employers. Choosing Cambridge international qualifications opens up a world of opportunity – helping you get a place at your chosen university, or proving your achievements to your future employer.

### Recognition in Pakistan

Universities in countries around the world, including Pakistan, recognise and welcome Cambridge international qualifications. The government of Pakistan recognises Cambridge qualifications and provides equivalence to the local system of education in order to ensure smooth progression for students who choose to pursue their education in Pakistan.

The government body responsible for issuing equivalence conversion is the Inter Board Committee of Chairmen (IBCC). Cambridge O Levels and Cambridge IGCSE® qualifications are equated to the local Secondary School Certificate (SSC) and Cambridge International A Levels to the Higher Secondary School Certificate (HSSC).

To qualify for equivalence at the HSSC level, IBCC has given a list of compulsory and elective subjects that must be studied at Cambridge O Level, Cambridge IGCSE and Cambridge International A Level. You will find this at [www.ibcc.edu.pk](http://www.ibcc.edu.pk)



# IBCC requirements for Cambridge IGCSE, Cambridge O Level and Cambridge International A Level

## Cambridge IGCSE and O Level

Cambridge IGCSE and Cambridge O Level are considered by IBCC to be the equivalent to Secondary School Certificate (SSC), as long as students meet the following requirements: students undertaking Pakistan-based examinations (local exam) require eight subjects including English, Urdu, Islamiyat, Pakistan Studies, Mathematics and three electives.

To qualify for the Science Group it is necessary to pass Physics, Chemistry, Biology or Computer Science/ Information and Communication Technology (ICT). Students who do not qualify for the Science Group will be placed in the Arts Group.

Students with a qualification in Computer Science or ICT in place of Biology at the Cambridge O Level stage will be granted SSC Science Group equivalence but will not be granted equivalence to HSSC (Pre-Medical Group), even if Physics, Chemistry and Biology subjects are passed at the Cambridge International A Level stage.



## Cambridge International A Level

Cambridge International A Levels are considered equivalent to Higher Secondary School Certificate (HSSC), subject to meeting the specified requirements for various groups:

### Pre-medical group:

Eight Cambridge O Level subjects (including English, Urdu, Islamiyat, Pakistan Studies, Physics, Chemistry, Mathematics and Biology) and three Cambridge International A Levels (Physics, Chemistry and Biology) with minimum E grade.

### Pre-engineering group:

Eight Cambridge O Level subjects (including English, Urdu, Islamiyat, Pakistan Studies, Physics, Chemistry, Mathematics and Biology or Computer Science or ICT) and three Cambridge International A Level subjects (Physics, Chemistry and Mathematics) with minimum E grade.

### General science group:

Eight Cambridge O Level subjects and three Cambridge International A Level subjects are required to qualify for the General Science Group. Students belonging to the general science group are not eligible for admission into engineering or medical colleges.

### Humanities group:

Eight Cambridge O Level subjects including English and Mathematics with three Cambridge International A Level subjects. Students belonging to the humanities group are not eligible for admission into engineering or medical colleges.

Always check the IBCC website for updates on equivalence: [www.ibcc.edu.pk](http://www.ibcc.edu.pk)

## Conversion of grades

The following table provides marks that are awarded by IBCC against grades received from Cambridge qualifications.

Grade	IBCC mark
A*	90
A	85
B	75
C	65
D	55
E	45
F	NA <sup>1</sup>
G	NA <sup>1</sup>

<sup>1</sup>Not applicable for IBCC equivalence

### Cambridge O Level and Cambridge IGCSE conversion

In order to explain the grade conversion, a worked example of equivalence is presented below.

Subject	Grade	IBCC mark
English Language	A*	90
Urdu	A	85
Islamiyat	B	75
Pakistan Studies	B	75
Physics	A	85
Chemistry	A	85
Biology	C	65
Mathematics	D	55
<b>Total</b>		<b>615</b>

If a candidate receives the above grades, they are converted into the marks awarded by IBCC. Since the total marks received are out of 800, these need to be equated with the Pakistani scheme of studies which awards marks out of 900.

The following formula is used to equate the marks a candidate receives as per the Pakistani scheme of studies:

$$\text{Total marks} \times \frac{900}{800}$$

$$615 \times \frac{900}{800} = 691$$

### Cambridge International A Level conversion

In order to convert Cambridge International A Level, marks from both Cambridge O Level/Cambridge IGCSE (eight subjects) and Cambridge International A Level (three subjects) are taken into account.

GCE O Level subject	Grade	IBCC mark
English Language	A*	90
Urdu	A	85
Islamiyat	B	75
Pakistan Studies	B	75
Physics	A*	90
Chemistry	B	75
Biology	A	85
Mathematics	B	75
<b>Total</b>		<b>650</b>

GCE A Level subject	Grade	IBCC mark
Physics	A	85
Chemistry	A*	90
Biology or Mathematics	B	75
<b>Total</b>		<b>250</b>

Assuming a candidate receives the above grades, they are converted as per the marks awarded by IBCC. Since the total marks received are out of 1100, these do not need to be equated with the Pakistani scheme of studies, which also awards marks out of 1100.

The following formula is used:  
 Total marks  $\times \frac{1100}{1100}$   
 $(650+250) \times \frac{1100}{1100} = 900$

# Student success stories

## A passport to study in Pakistan

**Sana Viqar** took Cambridge International A Levels in Biology, Chemistry, Physics and Mathematics at Beaconhouse School in Pakistan. She is now studying Medicine at Rawalpindi Medical College – University of Health Sciences, Lahore.



“ My Cambridge international education was not just a matter of Cambridge O Level and Cambridge International A Level grades. It was, in fact, the learning foundation for my professional studies. I found the syllabuses thoroughly comprehensive and it was an evident help with the subsequent SAT subject tests, MCAT and various other medical admission tests.

My exposure to practical work in the laboratory not only reinforced my concepts but also instilled in me the enthusiasm to learn beyond. The right blend of academic results, unparalleled support of teachers, extra-curricular activities and a genuine passion for medicine enabled me to secure admission in various medical universities like University of Birmingham, Aga Khan University, Shifa College of Medicine and Federal Medical and Dental College. ”

**Navaera Sulaiman** completed Cambridge International A Levels at Karachi Grammar School in Pakistan. She is now studying Economics at Lahore University of Management Sciences (LUMS).

“ LUMS is one of Pakistan's best reputed universities and not only provides an excellent educational experience but is also known for producing well-rounded individuals. I feel the work ethic that I developed while studying for my Cambridge International AS & A Levels has helped me smoothly navigate the transition from school life to meeting the demands of university life.



LUMS affords students the opportunity to be introduced to disciplines outside their chosen degree, which helps create a broader and more informed educational experience. This is reinforced by the extensive extra-curricular opportunities, which are a fun way to interact with others and learn new skills that are not taught in the classroom. In addition to this the environment created by a diverse student body makes for an overall interesting and agreeably challenging university experience. ”

**Bilal Mazhar** Chaudhry completed Cambridge International A Levels at Aitchison College, Lahore. He is now studying Medicine at King Edward Medical University.



“ Getting into King Edward University was a dream come true. A degree in Medicine requires you to work hard continuously, love science and question often. I believe these attributes are more commonly found in Cambridge International A Level students compared to any other local or foreign qualification.

Doing Cambridge International A Levels was one of the best decisions I took, and every day I rely on the strong conceptual foundation of science the Cambridge International A Level science courses gave me. The new equivalence formula has made admission into medical colleges easier.”

**Sakina Abbas** studied Cambridge International A Levels at Roots International Schools, Pakistan. She is studying Medicine at the Army Medical College.

“ The twentieth century world is extremely fast paced. Every student who wants to make a place for himself in this academic arena needs a very strong pre-university qualification. Cambridge International A Levels provide this opportunity to students to experience a glimpse of the professional academic world; they prepare students completely and holistically. ”



**Aliha Ahmed Qureshi** completed Cambridge International A Levels at The City School, Ravi Campus in Pakistan. She is now studying for a Bachelor degree in Fine Arts at the National College of Arts (NCA).

“ NCA is a dream choice for all arts students and I closed all other options. Thanks to my Cambridge International A Levels I finally made it to NCA.

Cambridge O Level Pakistan Studies is coming in handy in my present programme and Cambridge International A Level Sociology has broadened my outlook and enhanced my communication skills. I enjoy the environment which is liberal and conducive to creative thinking. ”





**Abdul Moiz Rafay** took Cambridge International A Levels at The City School, Ravi Campus in Pakistan. He is now studying Environmental Engineering at the University of Engineering and Technology Lahore.



“ I am proud to be in one of the oldest and biggest engineering universities in South East Asia. I got admission after a gruelling entrance test set for thousands of students from all over Punjab but it was worth the effort. I enjoy the research facilities and the feel of a huge campus which is like a little city. My Cambridge International A Level education has groomed me to relate to the conceptual side of the programme. ”

**Aheed Javaid** took Cambridge International A Levels at The City School, Ravi Campus in Pakistan. He is now studying Medicine at Allama Iqbal Medical College, University of Punjab.



“ I feel privileged to be a medical student at one of the top medical colleges across Punjab. I owe my merit to the Cambridge O Level and Cambridge International A Level education. I enjoy the rigorous programme offered and take the challenge of competing with the best of the best as the merit here is very high. ”

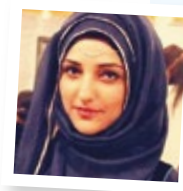
**Shahbaz Khan** took Cambridge International A Levels at Roots International Schools, Pakistan. He is now studying Engineering at FAST National University of Computer & Emerging Sciences.

“ Cambridge International A Levels have been the most important milestone in my education as yet. The curriculum and study patterns have helped me equip myself with the correct skills and abilities required to proceed confidently in my university life. I truly accredit my success at securing admission at such a prestigious institute as FAST to Cambridge International and to my school, both of which groomed me to become a reflective and an inquisitive learner. ”



**Sara Salman** studied Cambridge International A Levels at Beaconhouse School in Pakistan. She is now studying Business at the National University of Sciences and Technology (NUST).

“ Cambridge International A Levels prepare students for the practical and rather complex professional life awaiting them in these competitive times. The analytical thinking required by the course not only groomed me to face head-on the scary concept-based questions one has to answer in order to secure admission in top universities, but even the practicality of the syllabuses that Cambridge International A Level courses cover has proved to be helpful in professional field work. Cambridge International A Levels have helped me thrive in the highly competitive environment of university. ”



**Obaid Ellahi** completed Cambridge International A Levels at Beaconhouse School in Pakistan. He is studying Electronic Engineering at the University of Engineering and Technology, Taxila (UET).



“ Cambridge International A Level students are taught to work both as a team and as individuals from the very beginning. They are also encouraged to do research on their own so that they can adapt easily to the intense university life. For me, Cambridge International A Levels are solely based on how much a person is willing to strive to excel and achieve the best in life. There's no spoon feeding at all – you get what you work for. Cambridge International A Levels nurture both intellectualism and a thought process that has helped me to achieve success in my academic life. ”

# Medical and engineering education in Pakistan

Admissions to medical and engineering universities nationwide are broadly regulated by the Pakistan Medical and Dental Council (PMDC) and Pakistan Engineering Council (PEC). A brief overview of their requirements is provided below.

## Pakistan Medical and Dental Council (PMDC)

### Entry requirements

PMDC sets the basic requirements for entry into medical colleges. These are as follows:

- At least 60 per cent marks in HSSC or equivalent in the case of Cambridge O and Cambridge International A Levels. Evidence of this is through the IBCC equivalence certificate.
- At least 40 per cent weighting should be given to the results of admission tests.
- Provincial bodies and private medical colleges then set the criteria for their own test and exams, using the above guidelines.

For further details visit [www.pmdc.org.pk](http://www.pmdc.org.pk)

### Message from the Registrar of PMDC

“ We find Cambridge qualified students do really well in medicine; they have all the desired skills and knowledge to take up higher education in medicine and we would like to encourage Cambridge qualified students to join Pakistani medical colleges. ”

## Pakistan Engineering Council (PEC)

PEC sets the basic requirements for engineering education in the country. Students must pass Cambridge O and Cambridge International A Level examinations in qualifying subjects; in addition, they must pass an entrance test conducted by the respective institution or university.

For further details visit [www.pec.org.pk](http://www.pec.org.pk)





# University recognition in Pakistan

Many different universities in Pakistan recognise Cambridge international qualifications. Examples of recognition from some well-known Pakistani institutions are on the following pages. However, it is absolutely essential to check information on admission criteria with the admissions office of the university to which an application is made, as requirements can change.

## Ghulam Ishaq Khan Institute of Engineering Sciences and Technology (GIKI)

### Entry requirements

Admission and allocation to different faculties are based on performance in the admission test and the different preferences of individual applicants.

However, the minimum requirements to be eligible for admission are three Cambridge International A Levels (Physics, Mathematics and Chemistry with grade D or higher in Mathematics and Physics) and seven Cambridge O Levels.

Students having studied Computing instead of Chemistry at A Level can apply only for Computer Engineering and Computer Science. Students awaiting their examination results can apply but confirmation of admission will be subject to them fulfilling the eligibility criteria.

For further details visit [www.giki.edu.pk](http://www.giki.edu.pk)

### Message from the Rector, GIKI

“ It is gratifying to note that many students opt for careers in engineering after qualifying in the Cambridge examination system. Most students who come through the Cambridge system cope well with the rigours of university education: the Ghulam Ishaq Khan Institute of Engineering Sciences and Technology welcomes them. ”



## National University of Sciences and Technology (NUST)

### Entry requirements

**Engineering:** Cambridge International A Levels in Pre-Engineering subjects according to IBCC requirements. Specifically, A Levels in Physics, Maths and Computer Science or Computer Studies for BE Software Engineering, Computer Engineering, Electronics Engineering, Telecom Engineering, Avionics Engineering and Information & Communication System Engineering only.

**Medicine:** Cambridge International A Levels in Pre-Medical subjects according to IBCC requirements. In order to encourage candidates from Cambridge schools, NUST has reserved a few seats in Engineering, IT, Medicine, Management, Social Sciences and Applied Biosciences for admission through SAT tests. Pakistani candidates of both A Level and FSc streams can exercise this option and compete for the reserved seats. A minimum score of 550 is required in each subject to apply for a medical programme.

For further details visit [www.nust.edu.pk](http://www.nust.edu.pk)

### Message from the Registrar of NUST

“ A significant percentage of students at NUST belong to the Cambridge O Level and Cambridge International A Level stream, and I must acknowledge that, even within the competitive climate at NUST, their performance is quite outstanding. Therefore, I would encourage Cambridge qualified students to join NUST in disciplines of their interest ”



## King Edward Medical University

### Entry requirements

Students need to get an equivalence certificate from IBCC; if the student has 60 per cent or more in Higher Secondary (HSSC) or equivalent, they are eligible to sit for the entry test which is written and administered by the University of Health Sciences (UHS). The weighting of entry test results and marks is determined by UHS. After combining the results of the two components a merit list is formed for all Punjab medical colleges and students are allocated to colleges according to their ratings.

For further details please visit [www.kemu.edu.pk](http://www.kemu.edu.pk)

Message from the Vice Chancellor, King Edward Medical University

“ As the oldest and most prestigious medical institution in this part of the world we welcome over 300 new medical students each year to our fold. Students who join the university after completing their Cambridge International A Levels generally do very well; they are more inquisitive, expressive and understand new approaches readily. We train these brilliant young minds to keep pace with rapid changes in medicine, allowing them to be leaders in their fields. ”

## Institute of Business Administration, Karachi (IBA)

### Entry requirements

The minimum eligibility criteria require three principal subjects at Cambridge International A Level with at least two passes at grade B and one at grade C. There should be no grade less than a C across the three principal subjects.

Please note: No credit is applicable for any subsidiary, general, or advanced supplementary papers.

For programme-specific requirements and details please visit [www.iba.edu.pk](http://www.iba.edu.pk)

### Feedback on Cambridge students.

Staff at IBA tell us:

“Students who go through the Cambridge system, especially those who study subjects related to the disciplines they plan to study at IBA, do remarkably well here. Successful completion of the examinations requires a level of critical and creative reasoning well beyond what conventional systems of education in Pakistan provide.

In addition to these abilities, students who perform well in their Cambridge International A Level examinations also demonstrate better-than-average written and spoken communication skills, have self-confidence, and are innately curious about the world.”

## LUMS – Lahore University of Management Sciences

### Entry requirements

The minimum eligibility criteria are as follows:

- A minimum of six Cambridge O Level subjects.
- A minimum of three Cambridge International A Level subjects with at least two passes at grade B and one at grade C. Students who do not have their A Level results at the time of applying are made an admission offer conditional on them meeting these minimum eligibility criteria.

The admission merit list takes into account the subject grades or scores received in Cambridge O Levels and Cambridge International A Levels, and the scores on the LUMS admission test. The weighting assigned to school examination results and the admission tests varies from school to school.

Students seeking admission to LUMS are usually required to work on their academic scores along with preparation for the LUMS admission test, which is based on the SAT format.

For further details please visit [www.lums.edu.pk](http://www.lums.edu.pk)



### Feedback on Cambridge students.

Staff at LUMS tell us the following:

“Cambridge qualified students usually perform well at LUMS, especially in terms of spontaneity required and academic skills in areas such as reading, writing and analytical skills.

Applicants should be skilled in terms of communication, both verbal and written, presentation and analysis. Students admitted from the Cambridge stream usually tend to have an expertise and proficiency in these areas.”

### Message from the LUMS Vice Chancellor

“ The start of an undergraduate study programme at a university is a big challenge for many students. Students need to be fully equipped with logical and analytical thinking capabilities in order to make the jump from school to university life. Cambridge qualified students usually perform well at LUMS, especially in the areas of reading, writing and presenting. The Cambridge broad-based course structure prepares students for upcoming challenges. A wide variety of subjects gives students the freedom to choose interests of their choice and also complements the model of LUMS undergraduate studies.. ”



## National College of Arts (NCA)

### Entry requirements

Students need to have taken a minimum of three Cambridge International A Levels and eight Cambridge O Levels in subjects which satisfy IBCC requirements. Except for Architecture, where Mathematics is a pre-requisite, they could have studied any subject combination.

If they meet the entry threshold criteria, they will have to sit for an entrance test. Offers are based on their performance in the entrance exam.

For further details visit [www.nca.edu.pk](http://www.nca.edu.pk)

### Feedback on Cambridge students.

Staff at NCA say:

"Cambridge students are determined students with worthy creativeness and communication skills. Students with a Cambridge International A Level in Media Studies are very well primed for undergraduate courses in film, television and media studies."



Message from the Principal, NCA

“ NCA has become a leader in educating artists, designers, architects – by fostering a community of talented, creative individuals committed to redefining the boundaries of art and design and to expanding their own vision and perspective through rigorous study. We teach our students to reject nothing, to examine everything; we teach them how to think but never what to think. NCA welcomes students with imagination, ambition, and self-compassion and who have devotion to work. ”



### Indus Valley School of Art & Architecture, Karachi

#### Entry requirements

The minimum eligibility requirement is an Intermediate certificate with minimum grade C or Cambridge International A Level with a minimum of D in any two subjects other than General Paper. Admission to the Indus Valley School is granted strictly on merit. A student's final selection is a three-tier process comprising of an aptitude test, an interview process and on meeting the basic eligibility criteria at intermediate or Cambridge O Level and Cambridge International A Level.

Outstanding performance in sports and other co-curricular activities, record of community participation and involvement in activities, related to the applicant's chosen profession are also taken into consideration.

The admission panel bases its decision on a careful review of all the credentials submitted by the applicant, appropriate to the requirements of the student's chosen programme.

For details visit [www.indusvalley.edu.pk](http://www.indusvalley.edu.pk)

#### Feedback on Cambridge students.

Staff at Indus Valley School tell us:

"Students from Cambridge O Level and Cambridge International A Level stream seem good both in verbal and imaginative communication, and therefore their ability to grasp concepts helps them to evolve their imaginative thinking quickly, which is essentially important for art education."

Message from the Executive Director, Indus Valley School

“ Indus Valley School of Art & Architecture seeks to enrol motivated and talented students from diverse backgrounds. Students coming to IVS should reflect inquisitiveness and creative concept sensibility in art and design with capability to think critically and analyse problems logically before finding solutions. ”

### Beaconhouse National University

#### Entry requirements

##### BA/BSc (Hons) programmes

To be eligible for admission to undergraduate programmes, the following requirements have to be satisfied:

Cambridge O Level (in at least eight subjects) and three Cambridge International A Levels. Advanced Subsidiary (AS Level) will not be taken into account.

For further details visit [www.bnu.edu.pk](http://www.bnu.edu.pk)

Message from the Vice Chancellor, Beaconhouse National University

“ According to Beaconhouse National University's admission criteria, Cambridge qualifications are accepted and it has been observed that the majority of students with Cambridge qualifications apply to Beaconhouse National University and perform well due to their good verbal, written and analytical skills. ”

## University of London International Programmes

The University of London International Programmes enables students to study for a University of London qualification in Pakistan. Students can choose to study for the qualifications at a local independent teaching institution, or by distance learning.

### Entry requirements

Three Cambridge O Level/Cambridge IGCSE passes at grade C or above in non-overlapping subjects plus two further Cambridge International A Level passes at grade E or above in non-overlapping subjects. These satisfy the general entrance requirements as a whole.

Please note that, where applicable, programme – specific requirements also have to be met.

Qualifications that satisfy the General Entrance Requirements do not necessarily satisfy the specific programme requirements.

For further details please visit [www.londoninternational.ac.uk](http://www.londoninternational.ac.uk)

### Institutions that are recognised by University of London to conduct International Programmes

Institute	City
Bay View College	Karachi
Islamabad School of Law	Islamabad
L'Ecole for Advanced Studies	Karachi
Pakistan College of Law	Lahore
Roots College International DHA Campus	Islamabad
Roots College International Wellington	Islamabad
The Millennium University College – TMUC	Islamabad
School of International Law	Islamabad
Shaheed Zulfikar Ali Bhutto Institute of Science and Technology	Karachi
The Institute of Legal Studies (TILS)	Islamabad
University College Lahore	Lahore
University College of Islamabad	Islamabad

UK NARIC\* completed an independent benchmarking study to compare Cambridge IGCSE and Cambridge International AS & A Levels to the UK education system.

The study found them to be globally relevant and robust qualifications, closely comparable to UK national secondary qualifications, with Cambridge IGCSE comparable to GCSE A\*–G; Cambridge International AS Level comparable to GCE AS Level (A–E) and Cambridge International A Level comparable to GCE A Level (A\*–E).

\*UK NARIC is the national agency in the UK responsible for the recognition and comparison of international qualifications and skills.

# Learn more

## Recognition database

Our recognition database shows all the institutions worldwide that have given formal written acceptance of Cambridge qualifications. It is regularly updated with new recognition statements, allowing students to see where their Cambridge qualifications are accepted. You can search for a particular university to check their entry criteria for Cambridge students.

For the latest information, or to search for your chosen institution, go to our website recognition page at [www.cambridgeinternational.org/recognitionsearch](http://www.cambridgeinternational.org/recognitionsearch)

## Recognition toolkit

Entry requirements in Pakistan are unique and we are keen to support our students who wish to apply to higher education institutions in Pakistan.

## Online help

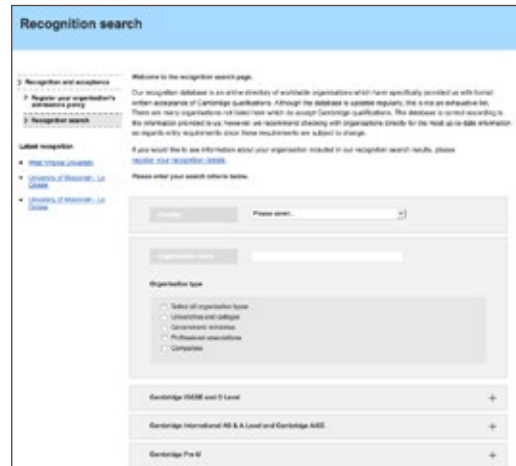
You can find answers to frequently asked questions about Cambridge International examinations and services at [www.cambridgeinternational.org/help](http://www.cambridgeinternational.org/help)

Simply type your question into the search box, or use the menu to guide you.

## Customer Services

You can email us at [info@cambridgeinternational.org](mailto:info@cambridgeinternational.org) or call us on +44 1223 553554.

We are available 24 hours a day, 6 days a week.



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