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**UNIVERSITÄT
BERN**

ASSESSMENT OF FOREIGN SCHOOL-LEAVING
CERTIFICATES AND UNIVERSITY DEGREES FOR
STUDIES AT THE UNIVERSITY OF BERN

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Academic Year 20/21

Admission Requirements



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Assessment of Foreign School-Leaving Certificates and
Degrees for Studies at the University of Bern

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Preliminary Remarks

You have decided to study at the University of Bern or you are considering registering. This brochure informs you in detail if your upper secondary school-leaving certificate and/or higher education qualifications allow you to study at the University of Bern.

The University Law (UniG) of 5 September 1996, the University Ordinance (UniV) of 12 September 2012 and the University Statute (UniSt) of 7 June 2011 as well as the regulations pertaining to them are the legal foundation documents of this brochure. According to article 11 para. 2 of the University Ordinance, the admission requirements for prospective students with foreign qualifications were adopted and confirmed respectively at the session of the University Directorate on 10 December 2019.

All foundation documents are available online in the legal documents collection of the Legal Services Department www.rechtsdienst.unibe.ch.

Bern, in January 2020

This brochure was translated from the German version. In the event of any discrepancy between the German and this English version, the German print version shall prevail.

Cette brochure est également disponible en français sur internet.

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The numbering refers to the full German version of the brochure "Zulassungsbedingungen: Bewertung von Schweizerischen und ausländischen Vorbildungs- und Studiausweisen für das Studium an der Universität Bern - Akademisches Jahr 20/21"

1 Introduction

1.1 Validity of these admission requirements

These admission requirements are valid for the academic year 2020/2021 only.

1.2 Principles

Swiss and foreign qualifications can be fully or partly recognised for either all, for all non-medical, or for certain courses of study. The recognised foreign upper secondary school-leaving certificates and higher education qualifications are listed in chapters 4 and 5.

1.3 Compulsory registration

(UniV, www.belex.sites.be.ch/data/436.111.1/de, art. 6 and following articles)

All students have to be registered. Those who are not registered may not make use of university services, i.e. they may neither attend lectures nor undergo assessments. There are special regulations for students who are registered at another institution of higher education and who are - on the basis of an agreement - completing a part of their studies at the University of Bern (see BeNeFri, mobility programmes, swissuniversities agreements and so on).

Doctoral students have to be matriculated over the entire period they are supervised.

1.4 Non-admission

(UniV, www.belex.sites.be.ch/data/436.111.1/de, art. 14)

Prospective students who are definitely not allowed to continue their studies in a degree course at another Swiss or foreign university or institution of higher education because of failure in assessments may not be admitted to studies in this degree course at the University of Bern. Students and doctoral candidates may at the same time be registered at only one Swiss or international university or higher education institution at the same study level. Anyone who is already registered at another university or higher education institution at the same study level cannot be admitted.

Applications for admission will be rejected in cases of dishonesty or if prohibitions or regulations in the legal ordinance are violated. This includes especially false or incomplete information and/or submission of forged diplomas, certificates, study evidences and other documents.

1.5 Visiting students

(UniV, www.belex.sites.be.ch/data/436.111.1/de, art. 7)

Students who are registered or on leave of absence at a recognised foreign university can register and undergo assessments at the University of

Bern for two semesters at the most. Courses and assessments of degree programmes which are subject to restrictions on admissions are excepted. These students' university entrance qualifications or academic achievements are not scrutinised.

1.6 Auditors

(UniV, www.belex.sites.be.ch/data/436.111.1/de, art. 8)

Adults of 18 years of age and above may register as auditors to attend lectures and seminars. They have no right to academic assessments and cannot earn ECTS credits. Courses attended as an auditor cannot be counted toward a degree. The registration takes place each semester and is chargeable. Auditors of lectures have to register by 30 September for the autumn semester respectively 28 February for the spring semester.

1.7 Aptitude tests

swissuniversities sets an aptitude test for entry to the study of human, dental and veterinary medicine in early July whenever the number of applications exceeds the number of places.

It is expected that an aptitude test will be conducted for entry to the Bachelor of Sports Science Major and Minor (60 ECTS) at the beginning of May, if the number of applications exceeds the number of places.

1.8 Language tests

Depending on their choice of degree course, applicants who are not native speakers of German may have to provide evidence of an adequate knowledge of German (see the legal documents collection of the Legal Services Department www.rechtsdienst.unibe.ch).

A very good knowledge of English is also required for certain master degree courses.

1.9 Deadlines for application for students and doctoral students

These are the application deadlines (date of receipt):

Autumn semester

Bachelor	regular	late
Non-medical study programmes; but without Sport Science major and minor 60 ECTS credits	30 April	31 August
Sport Science major and minor 60 ECTS credits: 1 st semester	15 February	not possible
Medicine, Dental Medicine and Veterinary Medicine	15 February	not possible
30+ admission procedure	15 February	not possible
Master	regular	late
Non-medical study programmes; but without Pharmaceutical Sciences and Social Anthropology with special aerea CREOLE	30 April	31 August
Pharmaceutical Sciences and Social Anthropology with special aerea CREOLE	30 April	not possible
Medicine, Dental Medicine and Veterinary Medicine	15 February	not possible
Continuing studies	regular	late
Lawyer	30 April	31 August
Notary public	30 April	31 August
Priest/pastor	30 April	31 August

Spring semester

Bachelor	regular	late
Non-medical study programmes, starting first semester: only with approval, see details on the study programme	15 December	31 January
Non-medical study programmes without Sport Science major and minor 60 ECTS credits, starting in more advanced semesters	15 December	31 January
Medicine, Dental Medicine and Veterinary Medicine	not possible	
30+ admission procedure	not possible	

Master	regular	late
Non-medical study programmes	15 December	31 January
Medicine, Dental Medicine and Veterinary Medicine and Pharmacy	not possible	

Continuing studies	regular	late
Lawyer	15 December	31 January
Notary public	15 December	31 January
Priest/pastor	15 December	31 January

Doctorate	Autumn and spring semester
Free doctorate	as soon as a supervision agreement has been completed www.doctorate.unibe.ch
Graduate School	see the information of the relevant administration at www.graduateschools.unibe.ch

Late applications from candidates who require a visa in order to enter Switzerland are excluded.

4 Admission at doctoral level

(UniV, www.belex.sites.be.ch/data/436.111.1/de, art. 31)

Admission as a doctoral candidate presupposes a university degree at master level or an equivalent university degree from a state or state-recognized university (congruent with the requirements for master candidates listed in chapter 5.1).

The University of Bern regulates the permeability between the various types of Swiss Higher Education Institutions in the Regulations governing the admission to the university with a Bachelor's degree from a university of applied sciences or a university of teacher education by the Rector's Office of 21 August 2018 or in the overview attached (published on the Internet). Admission without a listed degree is not possible.

Any other requirements set out by the relevant faculty or graduate school (e.g. specific average grade or a specific result in the degree) must also be fulfilled.

Admission to doctoral studies with continuing education qualifications (Master of Advanced Studies, Executive Master or similar) is not possible.

5 Foreign entrance qualifications

(Decision of the University Directorate of 10 December 2019 based upon art. 11 of the UniV, www.belex.sites.be.ch/data/436.111.1/de)

5.1 Principles

Applicants holding foreign university degrees can be admitted without restriction to all degree courses as long as they hold a recognised university degree at bachelor, master, or licentiate level (minimum duration of study: 3 years full-time). A university degree is only considered acceptable if it was acquired as part of a successfully completed academic degree course at a state or state-recognised university.

Degrees from distance-learning universities are recognised only if the applicant can produce evidence of a study place on the corresponding master degree course at a regular state or state-recognised university entitled to award doctorates in the same country and if the degree course does not vary in content from a regular degree course at a state or state-recognised university.

Degrees which were acquired at a foreign campus of a state or state-recognised university will be recognised only if the foreign campus is also recognised by the State. Degrees which are issued for coursework at several universities (especially diplomas acquired by Transnational Education diplomas) will be accepted only if all coursework has been completed at recognised universities, and at least half of the credits must have been acquired

at the university which issues the degree.

Continuing education qualifications (Master of Advanced Studies, Executive Master) and degrees from universities of applied sciences¹ (engineering schools, technical schools, schools for paramedical professions, music, art or foreign language schools, interpreter training schools, agricultural schools, hospitality and tourism management schools, etc.) and degrees from institutions which have agreements with a recognised university in another country will not be accepted for admission.

5.2 Admission to master degree programmes

Prospective students who have acquired a recognised bachelor degree (minimum duration of study: 3 years full-time) at a recognised foreign university according to 5.1 are eligible for admission to a successive non-medical master programme in the relevant field of study at the University of Bern provided that the master's degree can be successfully completed with an additional maximum of 60 ECTS credits and independent of their upper secondary school-leaving certificate. The course regulations of the relevant master degree programmes define the maximum age of a diploma. Additional entry requirements may be specified in the study plans of individual master degree courses, and the completion of a master degree course can be made dependent on the evidence of further skills and abilities. Specialised master degree programmes may be subject to additional admission requirements.

Applications for the recognition of study periods and achievements have to be addressed to the Admissions Office. International agreements (Bologna Declaration, Lisbon Agreement and bilateral agreements with Germany, France, Austria, Italy and so on) are to be considered.

Prospective students must see that the prerequisites required in individual cases are fulfilled. On request, a proof has to be provided that they were not excluded or dismissed from university because of failure in assessments or other reasons.

At the University of Bern, some master degree programmes are offered in English language. Other courses of study are mainly held in German. Prospective students are responsible themselves that they are proficient in the language of instruction.

Applicants who must complete elements in a preceding bachelor degree course to attain a degree at master level in the same field of study will usually need a very good knowledge of German.

5.3 Admission to bachelor degree programmes

The list of countries under 5.7 starting on page 13 provides information about the admission qualifications which give access to all non-medical

¹ Exception: Degrees from accredited German and Austrian universities of applied sciences in accordance with agreements.

courses of study at the University of Bern. The faculties decide on the transfer of credits.

In cases of certificates which have not been recognised, prospective students may need to pass an exam for a full Swiss or a cantonal upper secondary school-leaving certificate recognised by the Confederation.

German is the main language of instruction at bachelor level at the University of Bern. Prospective students whose mother tongue is not German have to furnish **proof of adequate knowledge of the German language** (see the German Test Regulations in the legal documents collection of the Legal Services Department www.rechtsdienst.unibe.ch). The German test usually takes place approximately three weeks before lectures begin. Registration for the test is made in compliance with the admission regulations issued by the Admissions Office, and by 31 July as long as the application for admission to a course of study has been submitted in due time. Registration takes place only after the German test has been passed successfully.

5.4 General requirements for upper secondary school-leaving certificates

5.4.1 Qualifications or upper secondary school-leaving certificates from other countries have to meet the following requirements. They must

- ① be of general educational character,
- ② have been acquired after completion of at least 11 school years, of which at least 3 years at academic upper secondary school,
- ③ show an emphasis on Classical Languages, Modern Languages, Humanities and Social Sciences or Mathematics/Natural Sciences,
- ④ represent the highest possible level of upper secondary school in the country awarding the diploma,
- ⑤ grant admission to all university faculties and to all branches of study in the country awarding the diploma and
- ⑥ have been acquired in a full-time, class-based course of instruction.

5.4.2 With regard to point 5.4.1 foreign qualifications and foreign upper secondary school-leaving certificates are only considered to be of general educational value if at least 6 individual subjects of general educational value according to the following categories are stated continuously in the last 3 years of school education:

Subject group	Subject group category	Subject catalogue
1	first language	mother tongue or language of instruction
2	second language	free choice

Subject group	Subject group category	Subject catalogue
3	Mathematics	Mathematics
4	Natural Sciences	Biology, Chemistry or Physics
5	Humanities and Social Sciences	Geography, History or Economics/ Law
6	free choice	1 further subject from the subject groups 2, 4, 5 or Computer Science or Philosophy

Computer Science or Philosophy can only be chosen as the 6th subject.

- 5.4.3 The following university entrance qualifications and certificates are not recognised even though they meet the subject combination stated under 5.4.2 and represent a general upper secondary school-leaving certificate in the country awarding the diploma:
- ① subject related upper secondary school-leaving certificates or upper secondary school-leaving certificates from universities of applied sciences
 - ② degrees and diplomas from vocational schools and universities of applied sciences² (engineering schools, technical schools, schools for paramedical professions, music, art or foreign language schools, schools of business and management, interpreter training schools, agricultural schools, hospitality and tourism management schools, etc.)
 - ③ correspondence courses, evening courses and non-student school-leaving certificates
 - ④ school-leaving certificates from secondary schools and upper secondary schools which place emphasis on professional and vocational training as well as from schools that offer vocational training at the same time
 - ⑤ school-leaving certificates obtained after having attended schools (at upper secondary level II) that belong to different education systems. Exception: A proof can be provided that all three years at an academic secondary school were completed successfully.
 - ⑥ entrance examination certificates from foreign institutions of higher education
- 5.4.4 Applicants have to fulfil the conditions required in each individual case according to the following list of countries. Upon request, proof must be supplied that no exclusion or expulsion from another university has occurred as a result of failed performance assessments or for other reasons.

² Exception: Degrees from accredited German and Austrian universities of applied sciences in accordance with agreements.

5.5 Supplementary examination (entry at bachelor level)

The upper secondary school-leaving certificates of some countries are accepted only together with a supplementary examination. The supplementary examination is held once a year before the start of the autumn semester; see www.bachelor.unibe.ch/eng → Application and Admission.

Application deadline and examination dates (www.bachelor.unibe.ch/supplementaryexamination):

Application deadline	Exam session	
	written	oral
15 June	calendar week 33	calendar week 35

Applicants can only take the supplementary examination with a confirmation from the University of Bern that their qualifications in combination with a pass at the supplementary examination are sufficient for the desired degree. For this reason, a complete application must be sent to the Admissions Office.

The examination consists of five subjects:

- The language of instruction: German. As an exception, French may be chosen as language of instruction. Even in this case, a proof of adequate knowledge of the German language has to be furnished. The knowledge of the German language is decisive.
- 3 compulsory subjects: Mathematics, English and History (including introduction to Law)
- 1 compulsory subject from the following group: Biology, Chemistry, Physics or Geography (including introduction to Economics)

5.6 Upper secondary school-leaving certificates of the different countries

The upper secondary school-leaving certificates of the different countries are assessed on the basis of the following pre-requisites:

5.6.1 swissuniversities guidelines

These guidelines were adopted by swissuniversities in spring 1990. They are reviewed regularly.

5.6.2 Lisbon Convention

The parties to the Lisbon Convention mutually recognise those qualifications which enable their holders to access higher education in the country of issue.

Compensations are defined in case of a substantial difference in the assessment of foreign upper secondary school-leaving certificates. According to articles IV.4 and IV.5, the admission to a certain higher education programme can be made dependent on the fulfilment of

additional specific requirements (e.g. special faculty admission or **proof of admission** to higher education).

5.6.3 **University Convention No. 15/1953**

5.6.4 **Bilateral agreements**

Bilateral agreements about university equivalencies exist with Germany, Austria, France and Italy. On the basis of these agreements, prospective students can be admitted to a degree course in their former field, independently of their previous qualifications, if they have already successfully completed an important part of their degree course (usually to the extent of stage I studies or a bachelor degree) with an intermediate test (not a single-subject examination) at a recognised German, Austrian, French or Italian university. However, aptitude and language tests may have to be taken. The Bernese faculty in question recognises completed study areas in their decision on placement in accordance with the agreements.

5.7 **Admission requirements by country - academic year 2020/2021**

Definition of upper secondary school-leaving certificate: chapter 5.4

A proof of admission for the chosen subject at a recognised university entitled to award doctorates (proofs from distance-learning universities are not recognised) in the country of origin of the secondary school-leaving certificate may not be older than one year.

Supplementary examination for university studies in Switzerland for applicants with a foreign upper secondary school-leaving certificate: chapter 5.5

5.7.1 **International upper secondary school-leaving certificates**

- 5.7.1.1 Baccalauréat **Européen** recognised, if the school-leaving certificate complies with the list of subjects according to 5.4.2.
- 5.7.1.2 Baccalauréat **International** recognised, if the school-leaving certificate shows 32 out of 42 points (without bonus points) and 6 subjects according to 5.4.2. At least 3 subjects must be in the Higher Level, of which at least 1 in Mathematics or another scientific subject (subject group 3 or 4)

5.7.2 Country specific admission requirements

Country	Requirements
Afghanistan	<p>Upper secondary school-leaving certificate of general educational value according to 5.4.2 with an average mark of at least 70 % plus proof of admission plus supplementary examination.</p> <p><i>Upper secondary school-leaving certificate:</i></p> <ul style="list-style-type: none"> • <i>Baccaluria / 12th Grade Certificate</i>
Albania	<p>Upper secondary school-leaving certificate of general educational value according to 5.4.2 plus proof of admission or supplementary examination.</p> <p><i>Upper secondary school-leaving certificate:</i></p> <ul style="list-style-type: none"> • <i>Diplomë e maturës shtetërore</i>
Algeria	<p>Upper secondary school-leaving certificate of general educational value according to 5.4.2 with an average mark of at least 12/20 plus supplementary examination.</p> <p><i>Upper secondary school-leaving certificate:</i></p> <ul style="list-style-type: none"> • <i>Baccalauréat d'Enseignement Secondaire Général (filières littéraires et scientifiques)</i>
Angola	<p>1st university degree (minimum duration of study: 3 years full-time)</p>
Argentina	<p>Upper secondary school-leaving certificate of general educational value according to 5.4.2 with an average mark of at least 7/10 plus proof of admission plus supplementary examination.</p> <p><i>Upper secondary school-leaving certificate:</i></p> <ul style="list-style-type: none"> • <i>Bachiller</i>
Armenia	<p>Until 2017: Upper secondary school-leaving certificate of general educational value according to 5.4.2 plus 2 years recognised full-time study at university in the country of origin of the upper secondary-school-leaving certificate.</p> <p>As of 2018: Upper secondary school-leaving certificate of general educational value according to 5.4.2 plus proof of admission or supplementary examination.</p> <p><i>Upper secondary school-leaving certificates:</i></p> <ul style="list-style-type: none"> • <i>Until 2017: Mijnakarg (Iriv) krtutyayn Atestat</i> • <i>As of 2018: Mijnakarg krtutyayn Atestat</i>

Country	Requirements
Australia	<p>Upper secondary school-leaving certificate of general educational value according to 5.4.2 plus proof of admission or supplementary examination.</p> <p><i>Upper secondary school-leaving certificates:</i></p> <ul style="list-style-type: none"> • Australian Capital Territory: ACT Senior Secondary Certificate • New South Wales: Higher School Certificate (HSC) • Northern Territory: Northern Territory Certificate of Education and Training (NTCE) • Queensland: Queensland Certificate of Education (QCE) • South Australia: South Australian Certificate of Education (SACE) • Tasmania: Tasmanian Certificate of Education (TCE) • Victoria: Victorian Certificate of Education (VCE) • Western Australia: Western Australian Certificate of Education (WACE)
Austria	<p>Upper secondary school-leaving certificate of general educational value according to 5.4.2</p> <p><i>Upper secondary school-leaving certificates:</i></p> <ul style="list-style-type: none"> • <i>Zeugnis einer allgemein bildenden höheren Schule (AHS) oder einer Bundeshandelsakademie</i>
Azerbaijan	<p>Upper secondary school-leaving certificate of general educational value according to 5.4.2 plus 2 years recognised full-time study at university plus proof of admission or supplementary examination.</p> <p><i>Upper secondary school-leaving certificate:</i></p> <ul style="list-style-type: none"> • <i>Orta tahsil haqqında attestat</i>
Bahrain	<p>Upper secondary school-leaving certificate of general educational value according to 5.4.2 with an average mark of at least 80 % plus supplementary examination.</p> <p><i>Upper secondary school-leaving certificates:</i></p> <ul style="list-style-type: none"> • <i>Shahadat Al-Thanawaya Al-Aama (General Secondary Education Certificate)</i> <ul style="list-style-type: none"> - <i>literary track</i> - <i>scientific track</i>
Bangladesh	<p>1st university degree (minimum duration of study: 3 years full-time)</p>

Country	Requirements
Belarus	<p>Upper secondary school-leaving certificate of general educational value according to 5.4.2 plus 2 years recognised full-time study at university plus proof of admission or supplementary examination.</p> <p><i>Upper secondary school-leaving certificates:</i></p> <ul style="list-style-type: none"> • <i>Atestat ab agulnaj sjarednjaj adukacyi</i> • <i>Attestat o sredenem obrazovanii</i>
Belgium	<p>Upper secondary school-leaving certificate of general educational value according to 5.4.2</p> <p><i>Upper secondary school-leaving certificates:</i></p> <ul style="list-style-type: none"> • <i>Certificat d'enseignement secondaire supérieur (CESS)</i> • <i>Diploma van secundair onderwijs</i> • <i>Abschlusszeugnis der Oberstufe des Sekundarunterrichts</i>
Benin	<p>Upper secondary school-leaving certificate of general educational value according to 5.4.2 with an average mark of at least 12/20 plus proof of admission plus supplementary examination.</p> <p><i>Upper secondary school-leaving certificates:</i></p> <ul style="list-style-type: none"> • <i>Baccalauréat de l'Enseignement du Second Degré</i> <ul style="list-style-type: none"> - <i>Série A1 Lettres - Langues</i> - <i>Série A2 Lettres - Sciences humaines</i> - <i>Série B Lettres - Sciences sociales</i> - <i>Série C Sciences et Techniques</i> - <i>Série D Biologie - Géologie</i>
Bolivia	<p>Upper secondary school-leaving certificate of general educational value according to 5.4.2 with an average mark of at least 64/100 (bueno) or 5/7 plus proof of admission plus supplementary examination.</p> <p><i>Upper secondary school-leaving certificate:</i></p> <ul style="list-style-type: none"> • <i>Bachiller en Humanidades</i>
Bosnia and Herzegovina	<p>Upper secondary school-leaving certificate of general educational value according to 5.4.2 plus proof of admission or supplementary examination.</p> <p><i>Upper secondary school-leaving certificates:</i></p> <ul style="list-style-type: none"> • <i>Matura</i> • <i>Svjedodzba</i> • <i>Diploma o Zavrzenoj Srednjoj Skoli</i> • <i>Diploma o Položenom Maturskom Ispitu</i>

Country	Requirements
Botswana	<p>Upper secondary school-leaving certificate of general educational value according to 5.4.2 with an average mark of at least C plus supplementary examination.</p> <p><i>Upper secondary school-leaving certificate:</i></p> <ul style="list-style-type: none"> • <i>Botswana General Certificate of Secondary Education</i>
Brazil	<p>Upper secondary school-leaving certificate of general educational value according to 5.4.2 with an average mark of at least 7/10 (bom) plus proof of admission plus supplementary examination.</p> <p><i>Upper secondary school-leaving certificate:</i></p> <ul style="list-style-type: none"> • <i>Certificado de Conclusão do Ensino Médio</i>
Bulgaria	<p>Upper secondary school-leaving certificate of general educational value according to 5.4.2 plus proof of admission or supplementary examination.</p> <p><i>Upper secondary school-leaving certificate:</i></p> <ul style="list-style-type: none"> • <i>Diploma za (završeno) sredno Obrazovanie (academic general educational field)</i>
Burkina Faso	<p>Upper secondary school-leaving certificate of general educational value according to 5.4.2 with an average mark of at least 12/20 plus proof of admission plus supplementary examination.</p> <p><i>Upper secondary school-leaving certificates:</i></p> <ul style="list-style-type: none"> • <i>Baccalauréat de l'Enseignement du Second Degré</i> - <i>Série A philosophie - lettres</i> - <i>Série C mathématiques et sciences physiques</i> - <i>Série D mathématiques et sciences naturelles</i>
Burundi	<p>Upper secondary school-leaving certificate of general educational value according to 5.4.2 with an average mark of at least 60 % in the Diplôme d'Etat plus proof of admission plus supplementary examination.</p> <p><i>Upper secondary school-leaving certificate:</i></p> <ul style="list-style-type: none"> • <i>Diplôme des Humanités Générales plus Diplôme d'Etat</i>
Cambodia	<p>Upper secondary school-leaving certificate of general educational value according to 5.4.2 with an average mark of at least C or 30/50 plus proof of admission plus supplementary examination.</p> <p><i>Upper secondary school-leaving certificate:</i></p> <ul style="list-style-type: none"> • <i>Certificate of Upper Secondary Education</i>

Country	Requirements
Cameroon	<p>Baccalauréat: Upper secondary school-leaving certificate of general educational value according to 5.4.2 with an average mark of at least 12/20 plus supplementary examination.</p> <p>Cameroon GCE: Upper secondary school-leaving certificate of general educational value according to 5.4.2 with 6 independent subjects of general educational value with a minimum grade of C in each subject, of which at least 3 subjects must be in the Advanced Level (of which at least 1 in Mathematics or another scientific subject) plus supplementary examination.</p> <p><i>Upper secondary school-leaving certificates:</i></p> <ul style="list-style-type: none"> • <i>Baccalauréat de l'enseignement secondaire</i> <ul style="list-style-type: none"> - A: <i>Lettres - philosophie</i> - C: <i>Mathématiques et sciences physiques</i> - D: <i>Mathématiques et sciences de la vie et de la terre</i> • <i>Cameroon General Certificate of Education (GCE), O- and A-level</i>
Canada (to be continued)	<p>Upper secondary school-leaving certificate of general educational value according to 5.4.2 plus specific pre-requisites:</p> <ul style="list-style-type: none"> • Alberta: <i>Alberta High School Diploma</i> with 6 independent subjects of general educational value (of which Mathematics or another scientific subject – Biology, Chemistry or Physics – at 30 level) plus proof of admission or supplementary examination. • British Columbia: <i>British Columbia Certificate of Graduation – Dogwood Diploma</i> with 6 independent subjects of general educational value (of which Mathematics or another scientific subject – Biology, Chemistry or Physics – at grade 12) plus proof of admission or supplementary examination. • Labrador: <i>High School Graduation Diploma</i> with 6 independent subjects of general educational value (of which Mathematics or another scientific subject – Biology, Chemistry or Physics – at level III - Advanced or Academic Math 3200, 3201, 3208) plus proof of admission or supplementary examination.

Country	Requirements
<p>Canada (to be continued)</p>	<ul style="list-style-type: none"> • Manitoba: <i>High School Diploma</i> with 6 independent subjects of general educational value (of which Mathematics or another scientific subject – Biology, Chemistry or Physics – at level 12 as „S“ specialised course) plus proof of admission or supplementary examination. • New Brunswick: <i>High School Graduation Diploma – Diplôme de fin d'études</i> with 6 independent subjects of general educational value (of which Mathematics or another scientific subject – Biology, Chemistry or Physics – at grade 12 of the college preparatory programme) plus proof of admission or supplementary examination. • Newfoundland: <i>High School Graduation Diploma</i> with 6 independent subjects of general educational value (of which Mathematics or another scientific subject – Biology, Chemistry or Physics – at Level III - Advanced or Academic Math 3200, 3201, 3208) plus proof of admission or supplementary examination. • Northwest Territories: <i>High School Graduation Diploma</i> with 6 independent subjects of general educational value (of which Mathematics or another scientific subject – Biology, Chemistry or Physics – at grade 12 of the university preparation level) plus proof of admission or supplementary examination. • Nova Scotia: <i>High School Completion Certificate</i> with 6 independent subjects of general educational value (of which Mathematics or another scientific subject – Biology, Chemistry or Physics – at grade 12 of the university preparation level) plus proof of admission or supplementary examination. • Nunavut: <i>Nunavut Senior Secondary School Graduation Diploma</i> with 6 independent subjects of general educational value (of which Mathematics or another scientific subject – Biology, Chemistry or Physics – at 30 level) plus proof of admission or supplementary examination.

Country	Requirements
Canada	<ul style="list-style-type: none"> • Ontario: <i>Ontario Secondary School Diploma (OSSD)</i> with 6 independent subjects of general educational value (of which Mathematics or another scientific subject – Biology, Chemistry or Physics – at grade 12 U or M) plus proof of admission or supplementary examination. • Prince Edward Island: <i>Prince Edward High School Graduation Diploma</i> with 6 independent subjects of general educational value (of which Mathematics or another scientific subject - at grade 12 in the category academic) plus proof of admission or supplementary examination. • Québec: <i>Diplôme d'études collégiales (D.E.C.) préuniversitaire</i> plus proof of admission or supplementary examination. • Saskatchewan: <i>Record of Secondary Level Achievement (Transcript) for complete grade 12 standing</i> with 6 independent subjects of general educational value (of which Mathematics or another scientific subject - at grade 12 level 30 course) plus proof of admission or supplementary examination.
Cape Verde	<p>Upper secondary school-leaving certificate of general educational value according to 5.4.2 with an average mark of at least 14/20 plus proof of admission plus supplementary examination.</p> <p><u>Upper secondary school-leaving certificate:</u></p> <ul style="list-style-type: none"> • <i>Certificado de Habilitações Literárias</i>
Central African Republic	<p>Upper secondary school-leaving certificate of general educational value according to 5.4.2 with an average mark of at least 12/20 plus supplementary examination.</p> <p><u>Upper secondary school-leaving certificates:</u></p> <ul style="list-style-type: none"> • <i>Baccalauréat / Diplôme de Bachelier de L'Enseignement du Second Degré</i> <ul style="list-style-type: none"> - <i>Série C: mathématiques et sciences physiques</i> - <i>Série D: mathématiques et sciences de la nature</i>
Chad	<p>Upper secondary school-leaving certificate of general educational value according to 5.4.2 with an average mark of at least 12/20 plus proof of admission plus supplementary examination.</p> <p><u>Upper secondary school-leaving certificate:</u></p> <ul style="list-style-type: none"> • <i>Baccalauréat de l'Enseignement du second degré</i>

Country	Requirements
Chile	Upper secondary school-leaving certificate of general educational value according to 5.4.2 with an average mark of at least 5/7 bueno plus proof of admission plus supplementary examination . <i>Upper secondary school-leaving certificates:</i> <ul style="list-style-type: none"> • <i>Licencia de Enseñanza / Educación Media</i> <ul style="list-style-type: none"> - <i>cientifico-humanista</i> - <i>humanistico-cientifica</i>
China (PR)	1 st university degree (minimum duration of study: 3 years full-time)
Colombia	1 st university degree (minimum duration of study: 3 years full-time)
Congo, Democratic Republic	Upper secondary school-leaving certificate of general educational value according to 5.4.2 with an average mark of at least 60 % plus proof of admission plus supplementary examination . <i>Upper secondary school-leaving certificates:</i> <ul style="list-style-type: none"> • <i>Diplôme d'Etat d'Etudes Secondaires du Cycle Long</i> <ul style="list-style-type: none"> - <i>Section scientifique</i> - <i>Section littéraire et pédagogique</i>
Congo, Republic	Upper secondary school-leaving certificate of general educational value according to 5.4.2 with an average mark of at least 12/20 plus proof of admission plus supplementary examination . <i>Upper secondary school-leaving certificates:</i> <ul style="list-style-type: none"> • <i>Baccalauréat de l'Enseignement du Second Degré</i> • <i>Baccalauréat Général</i>
Costa Rica	1 st university degree (minimum duration of study: 3 years full-time)
Croatia	Upper secondary school-leaving certificate of general educational value according to 5.4.2 plus proof of admission or supplementary examination . <i>Upper secondary school-leaving certificate:</i> <ul style="list-style-type: none"> • <i>Svjedodzba o drzavnoi maturi</i>

Country	Requirements
Cuba	<p>Upper secondary school-leaving certificate of general educational value according to 5.4.2 with an average mark of at least 80 % plus proof of admission plus supplementary examination.</p> <p><i>Upper secondary school-leaving certificates:</i></p> <ul style="list-style-type: none"> • <i>Bachiller, Ciencias y Letras plus Certification de Estudios Terminados</i> • <i>Bachiller, Nivel Medio Superior de la Educacion General Politecnica Laboral plus Certification de Estudios Terminados</i>
Cyprus North	<p>Upper secondary school-leaving certificate of general educational value according to 5.4.2 plus 2 years recognised full-time study at university in the country of origin of the upper secondary-school-leaving certificate plus proof of admission plus supplementary examination.</p> <p><i>Upper secondary school-leaving certificate:</i></p> <ul style="list-style-type: none"> • <i>Lise Diplomasí</i>
Cyprus Republic	<p>Upper secondary school-leaving certificate of general educational value according to 5.4.2 plus proof of admission or supplementary examination.</p> <p><i>Upper secondary school-leaving certificate:</i></p> <ul style="list-style-type: none"> • <i>Apolitirio Lykeiou</i>
Czechia	<p>Upper secondary school-leaving certificate of general educational value according to 5.4.2 plus proof of admission or supplementary examination.</p> <p><i>Upper secondary school-leaving certificate:</i></p> <ul style="list-style-type: none"> • <i>Vysvědčení o maturitní zkoušce - Gymnázium</i>
Denmark	<p>Upper secondary school-leaving certificate of general educational value according to 5.4.2 plus proof of admission or supplementary examination.</p> <p><i>Upper secondary school-leaving certificate:</i></p> <ul style="list-style-type: none"> • <i>Bevis for Studentereksamen (stx)</i>
Djibouti	<p>Upper secondary school-leaving certificate of general educational value according to 5.4.2 with an average mark of 12/20 (assez bien) plus proof of admission plus supplementary examination.</p> <p><i>Upper secondary school-leaving certificates:</i></p> <ul style="list-style-type: none"> • <i>Baccalauréat général de l'enseignement secondaire, série Scientifique</i>

Country	Requirements
Dominican Republic	Upper secondary school-leaving certificate of general educational value according to 5.4.2 with an average mark of at least B (muy bueno) plus proof of admission plus supplementary examination . <i>Upper secondary school-leaving certificate:</i> • <i>Bachiller</i>
Ecuador	Upper secondary school-leaving certificate of general educational value according to 5.4.2 with an average mark of at least 14/20 or 8/10 plus proof of admission plus supplementary examination . <i>Upper secondary school-leaving certificate:</i> • <i>Bachiller General Unificado en Ciencias</i>
Egypt	Upper secondary school-leaving certificate of general educational value according to 5.4.2 with an average mark of at least 80 % plus proof of admission plus supplementary examination . <i>Upper secondary school-leaving certificate:</i> • <i>Thanaweya a'Amma (General Secondary Education Certificate GSEC)</i>
El Salvador	1 st university degree (minimum duration of study: 3 years full-time)
Eritrea	1 st university degree (minimum duration of study: 3 years full-time)
Estonia	Upper secondary school-leaving certificate of general educational value according to 5.4.2 plus proof of admission or supplementary examination . <i>Upper secondary school-leaving certificate:</i> • <i>Gümnaasiumi lõputunnistus plus Riigieksamitunnistus</i>
Ethiopia	1 st university degree (minimum duration of study: 3 years full-time)
Finland	At least 75 courses, 6 independent subjects of general educational value according to 5.4.2 whereof at least 8 courses in each subject and 10 courses in Mathematics plus proof of admission or supplementary examination . <i>Upper secondary school-leaving certificate:</i> • <i>Lukion Päättötodistus plus Ylioppilastutkintotodistus (certificate from the upper secondary school plus Matriculation Examination Certificate)</i>

Country	Requirements
France	<p>Upper secondary school-leaving certificate of general educational value according to 5.4.2 plus specific pre-requisites:</p> <p><u>Upper secondary school-leaving certificates:</u></p> <ul style="list-style-type: none"> • Baccalauréat général, série S: recognised • Baccalauréat général, série L: <ul style="list-style-type: none"> - with Mathematics in the last year of school education: recognised - without Mathematics in the last year of school education: 1st university degree (licence)
Gabon	<p>Upper secondary school-leaving certificate of general educational value according to 5.4.2 with an average mark of at least 12/20 plus supplementary examination.</p> <p><u>Upper secondary school-leaving certificates:</u></p> <ul style="list-style-type: none"> • Diplôme de Bachelier de l'Enseignement du Second Degré, séries A - D
Gambia	<p>Upper secondary school-leaving certificate of general educational value according to 5.4.2 with an average mark of at least B3 plus supplementary examination.</p> <p><u>Upper secondary school-leaving certificate:</u></p> <ul style="list-style-type: none"> • Senior Secondary School Certificate (West African Examinations Council)
Georgia	<p>Upper secondary school-leaving certificate of general educational value according to 5.4.2 plus proof of admission or supplementary examination.</p> <p><u>Upper secondary school-leaving certificate:</u></p> <ul style="list-style-type: none"> • Sruli zogadi ganatlebis atestati
Germany	<p>Upper secondary school-leaving certificate of general educational value according to 5.4.2 plus proof of admission or upper secondary school-leaving certificate of general educational value according to 5.4.2 with an average mark of at least 2.0. A proof of admission is mandatory for courses of study in Biology, Pharmaceutical Sciences and Psychology.</p> <p><u>Upper secondary school-leaving certificate:</u></p> <ul style="list-style-type: none"> • Zeugnis der allgemeinen Hochschulreife

Country	Requirements
<p>Ghana</p>	<p>Upper secondary school-leaving certificate of general educational value according to 5.4.2 with an average mark of at least 3 plus supplementary examination.</p> <p><i>Upper secondary school-leaving certificate:</i></p> <ul style="list-style-type: none"> • <i>West African Senior School Certificate Examination (WASSCE)</i>
<p>Great Britain - United Kingdom</p>	<p>England, Wales and Northern Ireland:</p> <p>Upper secondary school-leaving certificate with 6 subjects of general educational value according to 5.4.2; of which at least 3 GCE AL / AICE AL / Pre-U Principal Subject / IAL (of which at least 1 in Mathematics or another scientific subject). 2 of 3 GCE AL / AICE AL / Pre-U Principal Subject / IAL must show a minimum grade of B (or a minimum grade of M2 for Pre-U Principal Subject), the third one a minimum grade of a C (or a minimum grade of a M3 for Pre-U Principal Subject). Additionally 3 GCE AS / AICE AS / Pre-U Short Course / IAS or GCSE / IGCSE, each with a minimum grade of 5 (or a minimum grade of a B for Wales and Northern Ireland; a minimum grade of a C for GCE AS / AICE AS and IAS; a minimum grade of a M3 for Pre-U Short Course).</p> <p>Scotland:</p> <p>Upper secondary school-leaving certificate with 6 independent subjects of general educational value according to 5.4.2 with a minimum grade of a 3 or C in each subject, of which at least 3 subjects in the Advanced Higher (of which at least 1 in Mathematics or another scientific subject), 1 subject in the Higher and 2 subjects in the Standard Grade.</p> <p><i>Upper secondary school-leaving certificates:</i></p> <ul style="list-style-type: none"> • <i>General Certificate of Secondary Education (GCSE)</i> • <i>General Certificate of Education - Advanced Subsidiary Level (GCE AS)</i> • <i>General Certificate of Education – Advanced Level (GCE AL)</i> • <i>Cambridge AICE Diploma Advanced Level (AL) Advanced Subsidiary Level (AS)</i> • <i>Pre-U Short Course Pre-U Principle Subject</i> • <i>International Advanced Level / International GCSE</i> • <i>Scottish Qualifications Certificate (SQC) - Standard Grade</i> • <i>Scottish Qualifications Certificate (SQC) - Higher</i> • <i>Scottish Qualifications Certificate (SQC) - Advanced Higher</i>

Country	Requirements
Greece	<p>Upper secondary school-leaving certificate of general educational value according to 5.4.2 plus proof of admission or supplementary examination.</p> <p><i>Upper secondary school-leaving certificates:</i></p> <ul style="list-style-type: none"> • <i>Apolytirio Genikou Lykeiou</i> • <i>Apolytirio Eniaiou Lykeiou</i>
Guatemala	<p>1st university degree (minimum duration of study: 3 years full-time)</p>
Guinea	<p>Upper secondary school-leaving certificate of general educational value according to 5.4.2 with an average mark of at least 12/20 plus proof of admission plus supplementary examination.</p> <p><i>Upper secondary school-leaving certificate:</i></p> <ul style="list-style-type: none"> • <i>Baccalauréat Unique</i>
Haiti	<p>Upper secondary school-leaving certificate of general educational value according to 5.4.2 with an average mark of at least 60 % (à la 2^{ème} partie) plus proof of admission plus supplementary examination.</p> <p><i>Upper secondary school-leaving certificates:</i></p> <ul style="list-style-type: none"> • <i>Baccalauréat (2^{ème} partie)</i> • <i>Diplôme d'Enseignement secondaire (2^{ème} partie)</i> • <i>Diplôme d'Etudes secondaires (2^{ème} partie)</i>
Honduras	<p>1st university degree (minimum duration of study: 3 years full-time)</p>
Hong Kong	<p>Until 2011 (2012): Upper secondary school-leaving certificate with 6 subjects of general educational value according to 5.4.2 with 3 Hong Kong A-level (HKALE), of which Mathematics or another scientific subject plus 1 Hong Kong AS level examination (HKALE) plus 2 out of 7 Hong Kong Certificate Education Examination (HKCEE). All subjects with a minimum grade of C or 4.</p> <p>As of 2012: Upper secondary school-leaving certificate with 6 subjects of general educational value according to 5.4.2. All subjects with a minimum grade of 3 (or C for a language subject of the category C) plus proof of admission or supplementary examination.</p> <p><i>Upper secondary school-leaving certificates:</i></p> <ul style="list-style-type: none"> • <i>Until 2011 (2012): Hong Kong Certificate of Education Examination (HKCEE) plus Hong Kong Advanced Level Examination (HKALE)</i> • <i>As of 2012: Hong Kong Diploma of Secondary Education (HKDSE)</i>

Country	Requirements
Hungary	Upper secondary school-leaving certificate of general educational value according to 5.4.2 plus proof of admission or supplementary examination . <i>Upper secondary school-leaving certificate:</i> • <i>Gimnáziumi érettségi bizonyítvány</i>
Iceland	Upper secondary school-leaving certificate of general educational value according to 5.4.2 plus proof of admission or supplementary examination . <i>Upper secondary school-leaving certificate:</i> • <i>Stúdentspróf</i>
India	1 st university degree (minimum duration of study: 3 years full-time)
Indonesia	Upper secondary school-leaving certificate of general educational value according to 5.4.2 with an average mark of at least 70 % in the Surat Keterangan Hasil Ujian Nasional plus proof of admission plus supplementary examination . <i>Upper secondary school-leaving certificate:</i> • <i>Ijazah – Sekolah Menengah Atas (SMA), IPA plus Surat Keterangan Hasil Ujian Nasional</i>
Iran	Upper secondary school-leaving certificate of general educational value according to 5.4.2 with an average mark of at least 12/20 plus proof of admission plus supplementary examination . <i>Upper secondary school-leaving certificates:</i> • <i>Diplom Metevaseth, theoretical branch</i> - <i>Mathematics and Physics</i> - <i>Experimental Sciences</i>
Iraq	1 st university degree (minimum duration of study: 3 years full-time)
Ireland	Upper secondary school-leaving certificate with at least 6 independent subjects of general educational value according to 5.4.2, of which at least 3 subjects must be in the Higher Level (of which at least 1 in Mathematics or another scientific subject). All 6 subjects must be with a minimum grade of H5/O5. <i>Upper secondary school-leaving certificate:</i> • <i>Leaving Certificate (Ardeistiméireacht)</i>

Country	Requirements
Israel	<p>School-leaving certificate of general educational value according to 5.4.2 plus proof of admission or supplementary examination.</p> <p><i>Upper secondary school-leaving certificate:</i></p> <ul style="list-style-type: none"> • Teudat Bagrut
Italy	<p>Upper secondary school-leaving certificate of general educational value according to 5.4.2</p> <p><i>Upper secondary school-leaving certificates:</i></p> <ul style="list-style-type: none"> • Diploma di istruzione secondaria superiore del <ul style="list-style-type: none"> - Liceo classico - Liceo linguistico - Liceo scientifico - Liceo scientifico opzione scienze applicate - Liceo delle scienze umane - Liceo delle scienze umane opzione economico-sociale
Ivory Coast	<p>Upper secondary school-leaving certificate of general educational value according to 5.4.2 with an average mark of at least 12/20 plus proof of admission plus supplementary examination.</p> <p><i>Upper secondary school-leaving certificate:</i></p> <ul style="list-style-type: none"> • Diplôme de Bachelier de l'Enseignement du Second Degré
Jamaica	<p>Upper secondary school-leaving certificate according to 5.4.2 with 6 independent subjects of general educational value with a minimum grade of C in each subject plus supplementary examination.</p> <p><i>Upper secondary school-leaving certificates:</i></p> <ul style="list-style-type: none"> • Caribbean Advanced Proficiency Examination (CAPE)
Japan	<p>Upper secondary school-leaving certificate of general educational value according to 5.4.2 with an average mark of at least 3/5 plus proof of admission plus supplementary examination.</p> <p><i>Upper secondary school-leaving certificate:</i></p> <ul style="list-style-type: none"> • Koto Gakko Sotsugyo Shomei-sho (general course)
Jordan	<p>1st university degree (minimum duration of study: 3 years full-time)</p>
Kazakhstan	<p>Upper secondary school-leaving certificate of general educational value according to 5.4.2 plus proof of admission or supplementary examination.</p> <p><i>Upper secondary school-leaving certificate:</i></p> <ul style="list-style-type: none"> • Chalpy orta bilim turaly

Country	Requirements
Kenya	Upper secondary school-leaving certificate of general educational value according to 5.4.2 with an average mark of at least 9/12 or B plus proof of admission plus supplementary examination . <i>Upper secondary school-leaving certificate:</i> • Kenya Certificate of Secondary Education (KCSE)
Kosovo	Upper secondary school-leaving certificate of general educational value according to 5.4.2 plus proof of admission or supplementary examination . <i>Upper secondary school-leaving certificates:</i> • Diplomë për kryerjen e shkollës së mesme të lartë – gjimnazit • Diploma o zavrsenoj visoj srednjoj skoli – gimnaziji
Kuwait	1 st university degree (minimum duration of study: 3 years full-time)
Kyrgyzstan	Upper secondary school-leaving certificate of general educational value according to 5.4.2 plus 2 years recognised full-time study at university plus proof of admission or supplementary examination . <i>Upper secondary school-leaving certificate:</i> • Dshalpi orto bilim dschönündö attestat – Attestat o srednem obscem obrazovani
Laos	1 st university degree (minimum duration of study: 3 years full-time)
Latvia	Upper secondary school-leaving certificate of general educational value according to 5.4.2 plus proof of admission or supplementary examination . <i>Upper secondary school-leaving certificate:</i> • Atestāts par visparejo vidējo izglītību
Lebanon	Upper secondary school-leaving certificate of general educational value according to 5.4.2 with an average mark of at least 12/20 plus proof of admission plus supplementary examination . <i>Upper secondary school-leaving certificate:</i> • Baccalauréat libanais
Lesotho	1 st university degree (minimum duration of study: 3 years full-time)
Libya	1 st university degree (minimum duration of study: 3 years full-time)

Country	Requirements
Principality of Liechtenstein	Upper secondary school-leaving certificate of general educational value according to 5.4.2 <i>Upper secondary school-leaving certificate:</i> • <i>Liechtensteinischer Maturitätsausweis</i>
Lithuania	Upper secondary school-leaving certificate of general educational value according to 5.4.2 plus proof of admission or supplementary examination. <i>Upper secondary school-leaving certificate:</i> • <i>Brandos atestatas</i>
Luxembourg	Upper secondary school-leaving certificate of general educational value of the last four years according to 5.4.2 plus proof of admission or supplementary examination. <i>Upper secondary school-leaving certificates:</i> • <i>Diplôme de fin d'études secondaires classiques</i>
Madagascar	Upper secondary school-leaving certificate of general educational value according to 5.4.2 with an average mark of at least 12/20 plus proof of admission plus supplementary examination. <i>Upper secondary school-leaving certificates:</i> • <i>Diplôme du Baccalauréat de l'Enseignement Secondaire</i> - <i>Série A philosophie - lettres</i> - <i>Série C mathématiques et sciences physiques</i> - <i>Série D mathématiques et sciences naturelles</i>
Malawi	Upper secondary school-leaving certificate of general educational value according to 5.4.2 with an average mark of at least 1-5 plus proof of admission plus supplementary examination. <i>Upper secondary school-leaving certificate:</i> • <i>Malawi School Certificate of Education (MSCE)</i>
Malaysia	Upper secondary school-leaving certificate with 6 independent subjects of general educational value according to 5.4.2, of which 3 Sijil Tinggi Persekolahan STPM with a minimum grade of B (of which at least 1 in Mathematics or another scientific subject) and 3 Sijil Pelajaran Malaysia SPM with a minimum grade of 4/B plus proof of admission plus supplementary examination. <i>Upper secondary school-leaving certificate:</i> • <i>Sijil Pelajaran Malaysia (SPM) plus Sijil Tinggi Persekolahan (STPM)</i>

Country	Requirements
Mali	1 st university degree (minimum duration of study: 3 years full-time)
Malta	Upper secondary school-leaving certificate of general educational value according to 5.4.2 <i>Upper secondary school-leaving certificate:</i> • <i>Matriculation Certificate</i>
Mauritania	Upper secondary school-leaving certificate of general educational value according to 5.4.2 with an average mark of at least 12/20 plus supplementary examination. <i>Upper secondary school-leaving certificate:</i> • <i>Diplôme de Bachelier de l'Enseignement du Second Degré</i>
Mexico	Upper secondary school-leaving certificate of general educational value according to 5.4.2 with an average mark of at least 7/10 plus proof of admission plus supplementary examination. <i>Upper secondary school-leaving certificates:</i> • <i>Bachillerato General (Educación media superior propedeutica)</i>
Moldavia	Upper secondary school-leaving certificate of general educational value according to 5.4.2 plus proof of admission or supplementary examination. <i>Upper secondary school-leaving certificates:</i> • <i>Invatamintul liceal</i> • <i>Diploma de bacalaureat</i>
Mongolia	Upper secondary school-leaving certificate of general educational value according to 5.4.2 with an average mark of at least C plus proof of admission plus supplementary examination. <i>Upper secondary school-leaving certificate:</i> • <i>Buren dund bolovsrolyn unemlekh</i>
Montenegro	Upper secondary school-leaving certificate of general educational value according to 5.4.2 plus proof of admission or supplementary examination. <i>Upper secondary school-leaving certificates:</i> • <i>Diploma o polozenom maturalskom ispitu</i> • <i>Diplomë për dheniën e provimit të maturës</i>

Country	Requirements
Morocco	<p>Upper secondary school-leaving certificate of general educational value according to 5.4.2 with an average mark of at least 12/20 plus supplementary examination.</p> <p><i>Upper secondary school-leaving certificates:</i></p> <ul style="list-style-type: none"> • <i>Baccalauréat</i> <ul style="list-style-type: none"> - <i>Sciences expérimentales</i> - <i>Sciences mathématiques</i> - <i>Lettres</i>
Mozambique	<p>Upper secondary school-leaving certificate of general educational value according to 5.4.2 with an average mark of at least 12/20 plus proof of admission plus supplementary examination.</p> <p><i>Upper secondary school-leaving certificate:</i></p> <ul style="list-style-type: none"> • <i>Certificado de Habilitações</i>
Myanmar	<p>1st university degree (minimum duration of study: 3 years full-time)</p>
Namibia	<p>Upper secondary school-leaving certificate of general educational value according to 5.4.2 with 6 independent subjects of general educational value, of which at least 3 subjects must be in the NSSC higher level with a minimum grade of 2 (of which at least 1 in Mathematics or another scientific subject) and 3 subjects in the NSSC ordinary level with a minimum grade of C plus proof of admission plus supplementary examination.</p> <p><i>Upper secondary school-leaving certificates:</i></p> <ul style="list-style-type: none"> • <i>Namibian Senior Secondary Certificate (NSSC) ordinary level plus Namibian Senior Secondary Certificate (NSSC) higher level</i>
Nepal	<p>1st university degree (minimum duration of study: 3 years full-time)</p>
The Netherlands	<p>Upper secondary school-leaving certificate of general educational value according to 5.4.2 plus proof of admission or supplementary examination.</p> <p><i>Upper secondary school-leaving certificate:</i></p> <ul style="list-style-type: none"> • <i>Diploma voorbereidend wetenschappelijk onderwijs (VWO)</i>

Country	Requirements
New Zealand	<p>Upper secondary school-leaving certificate of general educational value according to 5.4.2 with 3 subjects at level 3 with at least 14 credits each, of which Mathematics or another scientific subject, 3 other subjects at level 2 or higher with at least 10 credits each plus proof of admission or supplementary examination.</p> <p><i>Upper secondary school-leaving certificate:</i></p> <ul style="list-style-type: none"> • <i>National Certificate of Education Achievement (NCEA), level 3 certificate</i>
Nicaragua	<p>1st university degree (minimum duration of study: 3 years full-time)</p>
Niger	<p>Upper secondary school-leaving certificate of general educational value according to 5.4.2 with an average mark of at least 12/20 plus proof of admission plus supplementary examination.</p> <p><i>Upper secondary school-leaving certificate:</i></p> <ul style="list-style-type: none"> • <i>Diplôme de Bachelier de l'Enseignement du Second Degré</i>
Nigeria	<p>Upper secondary school-leaving certificate of general educational value according to 5.4.2 with an average mark of at least 3 plus proof of admission plus supplementary examination.</p> <p><i>Upper secondary school-leaving certificate:</i></p> <ul style="list-style-type: none"> • <i>Senior School Certificate (NECO)</i> • <i>West African Senior School Certificate(WAEC)</i>
North Korea	<p>1st university degree (minimum duration of study: 3 years full-time)</p>
Northern Macedonia	<p>Upper secondary school-leaving certificate of general educational value according to 5.4.2 plus proof of admission or supplementary examination.</p> <p><i>Upper secondary school-leaving certificate:</i></p> <ul style="list-style-type: none"> • <i>Diploma za polozena drzavna matura = Diplomë për dhënie e maturës shtetërore (4 years)</i>
Norway	<p>Upper secondary school-leaving certificate of general educational value according to 5.4.2 plus proof of admission or supplementary examination.</p> <p><i>Upper secondary school-leaving certificate:</i></p> <ul style="list-style-type: none"> • <i>Vitnemål for videregående opplæring with remark: „og har oppnadd generell studiekompetanse“</i>
Oman	<p>1st university degree (minimum duration of study: 3 years full-time)</p>

Country	Requirements
Pakistan	1 st university degree (bachelor degree honours; minimum duration of study: 3 years full-time)
Palestinian territories	Upper secondary school-leaving certificate of general educational value according to 5.4.2 with an average mark of at least 70 % plus proof of admission plus supplementary examination . <i>Upper secondary school-leaving certificate:</i> <ul style="list-style-type: none"> • <i>Tawjihi (Certificate of General Secondary Education Examination)</i>
Panama	Upper secondary school-leaving certificate of general educational value according to 5.4.2 with an average mark of at least 4/5 plus proof of admission plus supplementary examination . <i>Upper secondary school-leaving certificate:</i> <ul style="list-style-type: none"> • <i>Bachiller</i>
Paraguay	Upper secondary school-leaving certificate of general educational value according to 5.4.2 with an average mark of at least 3 (bueno) plus proof of admission plus supplementary examination . <i>Upper secondary school-leaving certificates:</i> <ul style="list-style-type: none"> • <i>Bachiller</i> <ul style="list-style-type: none"> - <i>Ciencias y Letras</i> - <i>Científico</i>
Peru	Upper secondary school-leaving certificate of general educational value according to 5.4.2 with an average mark of at least 14/20 plus proof of admission plus supplementary examination . <i>Upper secondary school-leaving certificates:</i> <ul style="list-style-type: none"> • <i>Certificado Oficial de Estudios</i> • <i>Certificado de Educación Secundaria Común Completa</i> • <i>Baccalaureate</i>
The Philippines	1 st university degree (minimum duration of study: 3 years full-time)
Poland	Upper secondary school-leaving certificate of general educational value according to 5.4.2 plus proof of admission or supplementary examination . <i>Upper secondary school-leaving certificate:</i> <ul style="list-style-type: none"> • <i>Świadectwo ukończenia liceum ogólnokształcącego plus Świadectwo Dojrzałości</i>
Portugal	1 st university degree (minimum duration of study: 3 years full-time)

Country	Requirements
Qatar	1 st university degree (minimum duration of study: 3 years full-time)
Romania	Upper secondary school-leaving certificate of general educational value according to 5.4.2 plus proof of admission or supplementary examination . <i>Upper secondary school-leaving certificate:</i> • <i>Diploma de Bacalaureat</i>
Russia	Upper secondary school-leaving certificate of general educational value according to 5.4.2 plus 2 years recognised full-time study at university plus proof of admission or supplementary examination . <i>Upper secondary school-leaving certificate:</i> • <i>Attestat o srednem (polnom) obščem obrazovanii</i>
Rwanda	1 st university degree (minimum duration of study: 3 years full-time)
San Marino	Upper secondary school-leaving certificate of general educational value according to 5.4.2 <i>Upper secondary school-leaving certificate:</i> • <i>Diploma di superamento dell'esame di stato conclusivo dei corsi di studio di liceo classico, linguistico o scientifico</i>
Saudi Arabia	1 st university degree (minimum duration of study: 3 years full-time)
Senegal	Upper secondary school-leaving certificate of general educational value according to 5.4.2 with an average mark of at least 12/20 plus proof of admission plus supplementary examination . <i>Upper secondary school-leaving certificate:</i> • <i>Baccalauréat de l'Enseignement Secondaire</i>
Serbia	Upper secondary school-leaving certificate of general educational value according to 5.4.2 plus proof of admission or supplementary examination . <i>Upper secondary school-leaving certificates:</i> • <i>Diploma o stecenom srednem obrazovanju (gimnazija – 4 years)</i> • <i>Diplomë për kryerjen e shkollës së mesme të pëgjithsme – Gjimmazin (4 years)</i>

Country	Requirements
Sierra Leone	Upper secondary school-leaving certificate of general educational value according to 5.4.2 with an average mark of at least 3 plus supplementary examination . <i>Upper secondary school-leaving certificate:</i> • <i>West African Senior School Certificate</i>
Singapore	Upper secondary school-leaving certificate with 6 independent subjects of general educational value according to 5.4.2 with a minimum grade of C in each subject, of which at least 3 H2 (of which at least 1 in Mathematics or another scientific subject), 1 H1 and 2 O-levels. <i>Upper secondary school-leaving certificate:</i> • <i>Singapore-Cambridge General Certificate of Education</i>
Slovakia	Upper secondary school-leaving certificate of general educational value according to 5.4.2 plus proof of admission or supplementary examination . <i>Upper secondary school-leaving certificate:</i> • <i>Vysvedčenie o maturitnej skúške - gymnázium</i>
Slovenia	Upper secondary school-leaving certificate of general educational value according to 5.4.2 plus proof of admission or supplementary examination . <i>Upper secondary school-leaving certificate:</i> • <i>Spricevalo o splošni maturi</i>
Somalia	1 st university degree (minimum duration of study: 3 years full-time)
South Africa	Upper secondary school-leaving certificate of general educational value according to 5.4.2 with an average mark of at least 60 % (Rating Grade 5) plus proof of admission plus supplementary examination . <i>Upper secondary school-leaving certificate:</i> • <i>National Senior Certificate (NSC)</i>
South Korea	Upper secondary school-leaving certificate of general educational value according to 5.4.2 with a minimum grade of C (Mi) plus proof of admission plus supplementary examination . <i>Upper secondary school-leaving certificate:</i> • <i>High School Certificate of Graduation</i>

Country	Requirements
Spain	<p>Upper secondary school-leaving certificate of general educational value according to 5.4.2 plus specific requirements:</p> <p><i>Upper secondary school-leaving certificates:</i></p> <ul style="list-style-type: none"> • <i>Bachillerato Modalidad de Ciencias: If the subject catalogue is met: proof of admission for a four-year university degree course or supplementary examination.</i> • <i>Bachillerato Modalidad de Artes and Bachillerato Modalidad de Humanides y Ciencias Sociales: 1st university degree (minimum duration of study: 3 years full-time)</i>
Sri Lanka	<p>Upper secondary school-leaving certificate of general educational value according to 5.4.2 with 6 independent subjects of general educational value with a minimum grade of C in each subject, of which at least 3 subjects must be in the Advanced Level (of which at least 1 in Mathematics or another scientific subject) plus supplementary examination.</p> <p><i>Upper secondary school-leaving certificate:</i></p> <ul style="list-style-type: none"> • <i>Sri Lankan General Certificate of Education, O-Level plus A-Level</i>
Sudan	<p>Upper secondary school-leaving certificate of general educational value according to 5.4.2 with an average mark of at least C plus proof of admission plus supplementary examination.</p> <p><i>Upper secondary school-leaving certificate:</i></p> <ul style="list-style-type: none"> • <i>Sudan Secondary School Certificate</i>
Sweden	<p>Upper secondary school-leaving certificate of general educational value according to 5.4.2 with a minimum of 250 credit points in Mathematics and 200 credit points in each other subject plus proof of admission or supplementary examination.</p> <p><i>Upper secondary school-leaving certificates:</i></p> <ul style="list-style-type: none"> • <i>Examensbevis, Högskoleförberedande Examen</i> <ul style="list-style-type: none"> - <i>Ekonomiprogrammet</i> - <i>Naturvetenskapsprogrammet</i> - <i>Samhällsvetenskapsprogrammet</i>

Country	Requirements
Syria	<p>Upper secondary school-leaving certificate of general educational value according to 5.4.2 with an average mark of at least 50 % plus proof of admission plus supplementary examination.</p> <p><i>Upper secondary school-leaving certificate:</i></p> <ul style="list-style-type: none"> • <i>Al-Shahada Al-Thanawiyya-Al'Amma (Baccalauréat, General Secondary Certificate) Scientific Branch</i>
Taiwan	<p>Upper secondary school-leaving certificate of general educational value according to 5.4.2 with a minimum grade of B plus proof of admission plus supplementary examination.</p> <p><i>Upper secondary school-leaving certificate:</i></p> <ul style="list-style-type: none"> • <i>Senior High School Leaving Certificate</i>
Tajikistan	<p>Upper secondary school-leaving certificate of general educational value according to 5.4.2 plus 2 years recognised full-time study at university plus proof of admission or supplementary examination.</p> <p><i>Upper secondary school-leaving certificate:</i></p> <ul style="list-style-type: none"> • <i>Attestat dar borai malumoti mijona</i>
Tanzania	<p>Upper secondary school-leaving certificate of general educational value according to 5.4.2 with 6 independent subjects of general educational value with a minimum grade of C in each subject, of which at least 3 subjects must be in the Advanced Level (of which at least 1 in Mathematics or another scientific subject) plus supplementary examination.</p> <p><i>Upper secondary school-leaving certificate:</i></p> <ul style="list-style-type: none"> • <i>Certificate of Secondary Education (CSE) plus Advanced Certificate of Secondary Education (ACSE)</i>
Thailand	<p>Upper secondary school-leaving certificate of general educational value according to 5.4.2 with an average mark of at least 2/4 (60 %) plus proof of admission plus supplementary examination.</p> <p><i>Upper secondary school-leaving certificate:</i></p> <ul style="list-style-type: none"> • <i>Mathayom Suksa 6</i>

Country	Requirements
Togo	<p>Upper secondary school-leaving certificate of general educational value according to 5.4.2 with an average mark of at least 12/20 plus proof of admission plus supplementary examination.</p> <p><i>Upper secondary school-leaving certificates:</i></p> <ul style="list-style-type: none"> • <i>Baccalauréat du troisième degré:</i> <ul style="list-style-type: none"> - <i>Lettres et philosophie (A)</i> - <i>Mathématiques et sciences physiques (C)</i> - <i>Sciences appliquées et mathématiques (D)</i>
Tunisia	<p>Upper secondary school-leaving certificate of general educational value of the last four years according to 5.4.2 with an average mark of at least 12/20 plus supplementary examination.</p> <p><i>Upper secondary school-leaving certificates:</i></p> <ul style="list-style-type: none"> • <i>Baccalauréat sections</i> <ul style="list-style-type: none"> - <i>lettres</i> - <i>mathématiques</i> - <i>sciences expérimentales</i> - <i>sciences informatiques</i> - <i>sciences techniques</i>
Turkey	<p>Upper secondary school-leaving certificate of general educational value according to 5.4.2 plus 2 years recognised full-time study at university plus proof of admission for a four-year university degree course or supplementary examination.</p> <p><i>Upper secondary school-leaving certificates:</i></p> <ul style="list-style-type: none"> • <i>Lise Diplomasi</i> • <i>Anadolu Lisesi Diplomasi (academic stream)</i>
Turkmenistan	<p>1st university degree (minimum duration of study: 3 years full-time)</p>
Uganda	<p>Upper secondary school-leaving certificate with 6 independent subjects of general educational value according to 5.4.2, of which at least 3 subjects must be in the UACE Principal Level with a minimum grade of C (of which at least 1 in Mathematics or another scientific subject) and 3 subjects in the UCE with a minimum grade of 3/9 plus proof of admission plus supplementary examination.</p> <p><i>Upper secondary school-leaving certificate:</i></p> <ul style="list-style-type: none"> • <i>Uganda Certificate of Education (UCE) plus Uganda Advanced Certificate of Education (UACE)</i>

Country	Requirements
Ukraine	<p>Upper secondary school-leaving certificate of general educational value according to 5.4.2 plus 2 years recognised full-time study at university plus proof of admission or supplementary examination.</p> <p><i>Upper secondary school-leaving certificate:</i></p> <ul style="list-style-type: none"> • <i>Atestat pro povnu zagal'nu seredniu osvitu</i> • <i>Svidostvo pro zdobuttia povnoi zagalnoi serednoi osvity</i>
United Arab Emirates	<p>Upper secondary school-leaving certificate of general educational value according to 5.4.2 with an average mark of at least 80 % plus proof of admission plus supplementary examination.</p> <p><i>Upper secondary school-leaving certificate:</i></p> <ul style="list-style-type: none"> • <i>Shahadat Al-Thanawiya-Al-Amma (Secondary School Leaving Certificate)</i>
Uruguay	<p>1st university degree (minimum duration of study: 3 years full-time)</p>
USA	<p>Upper secondary school-leaving certificate of general educational value according to 5.4.2 plus 2 years recognised full-time study at university in the country of origin of the upper secondary-school-leaving certificate or upper secondary school-leaving certificate plus 5 Advanced Placement Exams with a score of 3 or higher, of which 2 languages, Mathematics/Calculus, 1 scientific subject and 1 social science subject. The issuing high-school must be accredited. Not recognised are the following AP subjects: Art History, Computer Science, Environmental Science, Music Theory, Psychology, Statistics, Studio Art, Comp Government & Politics, U.S. Government & Politics</p> <p><i>Upper secondary school-leaving certificate:</i></p> <ul style="list-style-type: none"> • <i>High School Diploma</i>
Uzbekistan	<p>1st university degree (minimum duration of study: 3 years full-time)</p>
Venezuela	<p>1st university degree (minimum duration of study: 3 years full-time)</p>
Vietnam	<p>Upper secondary school-leaving certificate of general educational value according to 5.4.2 with an average mark grade "khá" plus proof of admission plus supplementary examination.</p> <p><i>Upper secondary school-leaving certificates:</i></p> <ul style="list-style-type: none"> • <i>Bang Tot Nghiep Trung Hoc Pho Thong</i> • <i>Bang Tot Nghiep Pho Thong Trung Hoc</i>

Country	Requirements
Yemen	1 st university degree (minimum duration of study: 3 years full-time)
Zambia	Upper secondary school-leaving certificate of general educational value according to 5.4.2 with an average mark of at least "merit" plus proof of admission plus supplementary examination . <i>Upper secondary school-leaving certificate:</i> • <i>General Certificate of Education (GCE)</i>
Zimbabwe	Upper secondary school-leaving certificate with 6 independent subjects of general educational value according to 5.4.2 with a minimum grade of C in each subject, of which at least 3 subjects must be in the Advanced Level (of which at least 1 in Mathematics or another scientific subject) plus supplementary examination . <i>Upper secondary school-leaving certificate:</i> • <i>Zimbabwe General Certificate of Education, O-Level plus A-Level</i>
Other countries if not listed individually	Upper secondary school-leaving certificate of general educational value according to 5.4.2 with an average mark of at least 60 % plus proof of admission plus supplementary examination or 1 st university degree (minimum duration of study: 3 years full-time).

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