

Admission Requirements

BSc Chemistry

study year 2026-2027

General Information and explanatory notes

General

- The requirements mentioned in this document are valid for the study year 2026-2027
- Every year, these requirements are re-assessed and re-evaluated and, therefore, may be subject to change
- The diplomas most frequently used for application are mentioned in this document
- (Conditional) admission is not implied, nor guaranteed when your diploma is mentioned on this list
- Meeting our admission requirements is mandatory. They reflect the basic level of knowledge necessary to study this programme and are not considered to be suggestions

Level of diploma

- The level of your secondary school diploma should be at least equivalent to the Dutch “vwo”-diploma*
- Should your diploma not be mentioned on one of the following pages, then it's likely that its level is not vwo-equivalent. If you have questions, send an E-mail to: bachelor-admissions-science@ru.nl to find out
- Applications with an insufficient level of prior education will not be assessed for admission
- Pre-university years, (college) prep years, foundation programmes, or other programmes that are meant to upgrade an insufficient level of secondary education to vwo-level are not accepted
- If your diploma is of insufficient level, it's still of insufficient level, even if you have high grades. High grades on such a lower level diploma do not compensate for that difference in level

Additional exams and certificates

- (Additional) requirements regarding school- and/or exam profiles, as well as course and/or grade requirements regarding specific subjects (usually from the field of Science; Mathematics, Physics, Chemistry, Biology) may be set
- In some cases, the Board of Admissions may ask for an additional exam in one (or more) Science subject(s)
- Such an additional exam is solely meant to eliminate a specific deficiency in a (limited number of) subject(s)
- Such an additional exam is not meant to compensate for any possible difference in level of diploma
- Only a limited number of such additional exams is accepted (e.g. CCVX, Boswell, OMPT, A-level, IB certificate, AP certificate)
- Additional exam certificates, other than the ones mentioned on our website, are not accepted
- SAT's and ACT's are not taken into consideration for admission purposes by the Faculty of Science
- All (additional) conditions for admission must be fully satisfied before the start of the programme

Assessment of applications

- The Board of Admissions assesses the eligibility of all applications on an individual basis and, acting in the applicant's best interest, may deviate from these requirements at its own discretion
- Applicants that have, or will obtain multiple diplomas will be assessed on only one of them, the applicant indicates on which diploma the admissions decision is to be made
- In case the applicant does not do so, the Board of Admissions will make that decision, which is then binding
- Different parts of different diplomas may not be combined in order to satisfy admission requirements
- Combinations of different high school curricula in consecutive years may be taken into consideration
- Requests for admission will only be assessed upon receipt of a complete online application
- Requests by E-mail addressing the likeliness or probability of admission will not be answered

* <https://www.nuffic.nl/en/education-systems/the-netherlands/primary-and-secondary-education#vwo-diploma>



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Integrity

- We highly appreciate academic integrity
- In case of (suspected) fraudulent behavior regarding any aspect of the application, we expressly reserve the right to immediately reject the suspect application
- The candidate whose application was rejected because of (suspicion of) fraudulent behavior will be barred from future applications at Radboud University

Disclaimer

- Although this document was compiled with the utmost care and consideration and should be free from errors, the accuracy and completeness of the provided information cannot be guaranteed, its content therefore is not legally binding

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Country and Diploma Specific Information

Albania

Required diploma:

- Diplomë e Maturës Shtetërore

Subject requirements:

- Required relevant subjects are Chemistry, Physics and Mathematics
- Albanian, Mathematics and 2nd language + elective Physics must have been taken in the Matura exams
- Chemistry must be taken up to and including the final year in high school. For Chemistry, an additional certificate (CCVX/Boswell) is needed

Grade requirements:

- GPA in final year of at least 7 out of 10, with grades for relevant subjects at least 7 out of 10
- GPA in the Matura-exam least 8 out of 10, with grades for relevant subjects at least 8 out of 10

Algeria

Required diploma:

- One year of university education in Chemistry

Subject requirements:

- Additional certificates in Physics, Chemistry and Mathematics must be obtained

Grade requirements:

- The University's Transcript of Records must list passing grades or above

Aruba

Required diploma:

- Diploma Voorbereidend Wetenschappelijk Onderwijs (VWO)

Required subjects:

- Chemistry, Mathematics B and Physics

Australia

Required diploma:

- All states/territories (except Queensland); Certificate of Education + ATAR (Australian Tertiary Admission Rank) (all states/territories, except Queensland)
- Certificate of Education + OP (Overall Positions) (Queensland)

Subject requirements:

- Mathematics, Physics and Chemistry in pre-university curriculum in Secondary School

Grade requirements:

- ATAR \geq 85
- OP bands/score 1 to 7

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Austria

Required diploma:

- Reifezeugnis or Reifeprüfungszeugnis from a Gymnasium or Realgymnasium

Subject requirements:

- Required relevant subjects are Chemistry, Mathematics and Physics
- In case of 5 subjects in the Reifeprüfung - Mathematics, Physics and Chemistry must have been taken in the Reifeprüfung
- In case of 4 subjects in the Reifeprüfung - Physics must be in the Reifeprüfung, Chemistry must have been taken throughout the Oberstufe

Grade requirements:

- Grades for relevant subjects must be 2 or higher in both Reifeprüfung and Oberstufe
- Grades for all other subjects in the Reifeprüfung must be 3 or higher

Bangladesh

Required diploma:

- High school plus 2 years Bachelor (passed) at university Chemistry

Subject requirements:

- Chemistry, Mathematics and Physics should be taken in high school

Grade requirements:

- All high school grades must be First Division (60.00–100.00)
- The University's Transcript of Records must list passing grades or above

Belgium

Required diploma:

- Diploma van secundair onderwijs or Certificat d'enseignement secondaire supérieur

Subject requirements:

- Required relevant subjects are Chemistry, Mathematics and Physics
- All relevant subjects must have been taken in the final exam

Grade requirements:

- All grades must be at least 6 or 60%

Bosnia and Herzegovina

Required diploma:

- Diploma o položenom maturalnom ispitu/Diploma o završenoj srednjoj školi/ Diploma o završenoj gimnasiji

Subject requirements:

- Chemistry and Physics should be taken as the two elective subjects next to the general exam

Grade requirements:

- All grades should be "Very good" or "Excellent"

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Brazil

Former education requirements:

- Certificado de Conclusão do 2º Grau *or* Certificado de Conclusão de Ensino Médio
- 1 year of academic education in Chemistry

Subject requirements:

- Required relevant subjects are Chemistry, Mathematics and Physics

Grade requirements:

- Medio Superior, Bom or Superior/Excelente in the ENEM (Exame Nacional do Ensino Médio) for the relevant subjects and in the first academic year of Chemistry

Bulgaria

Required Diploma:

- Diploma za Sredno Obrazovanie, academic stream, Natural Sciences or Mathematics profile. If another profile is indicated, or there is no indication at all, the application will not be taken into consideration

Subject requirements:

- Required relevant subjects are Chemistry, Physics and Mathematics
- Physics and Chemistry must be in the Matura, both on advanced level

Grade requirements:

- Overall GPA of the final year as well as in the Matura should be at least 5 out of 6, grades for the relevant subjects must be 6 out of 6, both in the final year as in the Matura

Cameroon

Required certificates and education:

- One year of university education in Chemistry

Subject requirements:

- Additional certificates in Chemistry, Mathematics and Physics must be obtained

Grade requirements:

- The University's Transcript of Records must list passing grades or above

Canada

Required diploma:

- Secondary School diploma with the STEM pathway. For admission purposes we may look into university high school rankings

Subject requirements:

- Required relevant subjects are Chemistry, Mathematics and Physics
- All relevant subjects must be on University level

Grade requirements:

- The GPA and all grades for the relevant subjects must be above 75%

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Caribbean

Required diploma:

- CAPE (Caribbean Advanced Proficiency Exam), awarded by CXC (Caribbean Examination Council)

Subject requirements:

- Required relevant subjects are Chemistry, Mathematics and Physics

Grade requirements:

- All relevant subjects must be two units and must have been passed
- At least 4 subjects of 2 units must have been passed

China

Required diploma:

- Senior middle school graduation certificate (Gaozhong) + national entrance examination (Gaokao)

Subject requirements:

- Required relevant subjects are Chemistry, Physics and Mathematics

Grade requirements:

- All relevant subjects must be taken in the Gaozhong with sub scores higher than 75%
- All relevant subjects must have been taken in the Gaokao with sub scores higher than 75%
- Gaokao score of minimum 550 (from a maximum of 750) for Beijing Region. For other regions other scores may apply

Croatia

Required diploma:

- Svjedodzba o drzavnoj maturi from a Gymnazijum with at least 5 subjects in the Matura

Subject requirements:

- Required relevant subjects are Chemistry, Mathematics and Physics
- Mathematics (A-level), Physics and Chemistry must be in the Matura

Grade requirements:

- All grades in the final year (including those for the Matura) must be at least 4 out of 5

Curaçao, St. Maarten and the BES-Islands

Required diploma:

- Diploma Voorbereidend Wetenschappelijk Onderwijs (VWO)

Required subjects:

- Chemistry, Mathematics B and Physics

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Cyprus

Required diploma:

- Apolytirio Lykeiou, Natural Sciences specialization.

Subject requirements:

- Required relevant subjects are Chemistry, Physics and Mathematics
- Physics and Chemistry must be examined
- Mathematics may but does not need to be examined. If not examined it must be taken up to and including the final year
- The word "exam" refers to the Apolytirion, not the Pancyriot exams

Grade requirements:

- GPA must be at least 17 out of 20.
- Grades for the relevant subjects must be 18 out of 20 or higher in the final year
- Mathematics in the penultimate year must also have a grade 18 out of 20 or higher
- For schools using a 1-100 scale, minimum grades are 85 respectively 90 or higher

Czech Republic

Required diploma:

- Vysvědčení o maturitní zkoušce obtained at a Gymnázium

Subject requirements:

- Required relevant subjects are Chemistry, Mathematics and Physics
- Mathematics + elective Chemistry + elective Physics must be in the matura

Grade requirements:

- Relevant subjects must have grade 1 or 2
- No more than a total of 9 points for 4 matura subjects (11 points if a 5th matura subject is taken)

Denmark

Required diploma:

- Higher Preparatory Examination Programme (HF), or Higher Technical Examination Programme (HTX), or Higher General Examination Programme (STX)

Subject requirements:

- Required relevant subjects are Chemistry, Mathematics and Physics
- All 3 relevant subjects must have been taken in the Natural Science cluster on A-level

Grade requirements:

- All grades should be 7 or higher

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Estonia

Required diploma:

- Gümnaasiumi Lõputunnistus

Subject requirements:

- Required relevant subjects are Chemistry, Mathematics and Physics
- Next to Estonian, foreign language and Mathematics (14 courses) in the State Exam, Physics must be in the School Exam
- An additional certificate in Chemistry (CCVX/Boswell) is needed

Grade requirements:

- Grades for the relevant subjects must be 4 (B) or higher
- Grades for all other subjects must be 3 (C) or higher

European Baccalaureate

Required diploma:

- European Baccalaureate

Subject requirements:

- Required relevant subjects are Chemistry, Mathematics, Physics, all of which must have been taken in the written exams
- Mathematics (5 periods) is compulsory

Grade requirements:

- All relevant subjects must have at least a passing grade (5)

Finland

Required diploma:

- Ylioppilastutkintotodistus/Studentexamensbevis

Subject requirements:

- Required relevant subjects are Chemistry, Mathematics and Physics
- Compulsory in matriculation: Mathematics and General Studies
- Compulsory in final year: Chemistry and Physics

Grade requirements:

- Matriculation grades at least 4 (out of 7), or C, M, E, or L

France

Required diploma:

- Diplôme du baccalauréat général

Subject requirements:

- Required relevant subjects are Chemistry, Physics and Mathematics
- Compulsory specialties in year 11 and 12: Mathematics (Spécialité) + Physics/Chemistry

Grade requirements:

- Grades for all relevant subjects should be at least 12/20 in the final year and the final examinations

Baccalauréat Français International (BFI, formerly OIB, language section Anglais (Britannique/ Américain) grants exemption from an English proficiency test.

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Germany

Required diploma:

- Zeugnis der allgemeinen Hochschulreife

Subject requirements:

- Chemistry (Lk) and Mathematics (Lk/Gk) as "Prüfungsfächer"
- Either Physics or Biology must be taken up to and including the final year of High School and can (but need not be) taken in the Abitur

OR

- Physics (Lk) and Mathematics (Lk/Gk) as "Prüfungsfächer"
- Either Chemistry or Biology must be taken up to and including the final year of High School and can (but need not be) taken in the Abitur

Grade requirements:

- All grades mentioned are on a scale from 0 - 15
- The specifically mentioned "Lk" must have a grade 09 or higher
- All other Science subjects (geprüft/ungeprüft) must have a grade 07 or higher

English language certificate: Not needed if English was taken during High School, with a minimum grade of 08 in the final year (English can, but need not be taken in the Abitur)

Greece

Required diploma:

- Apolytirio Lykeiou, Natural Sciences specialization

Subject requirements:

- Required relevant subjects are Chemistry, Physics and Mathematics
- Physics and Chemistry must be examined
- Mathematics may but does not need to be examined. If not examined it must be taken up to and including the final year
- The word "exam" refers to the Apolytirion, not the Panhellenic exams

Grade requirements:

- GPA must be at least 17
- Grades for the relevant subjects must be 18 or higher

Hong Kong

Required diploma:

- Hong Kong Diploma of Secondary Education (HKDSE) in six subjects

Subject requirements:

- Required relevant subjects are Chemistry, Mathematics and Physics

Grade requirements:

- Grades for all subjects should be B (4.00) or higher
- For the subject "Citizen and Social Development" grade "attained"

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Hungary

Required diploma:

- Gimnáziumi Érettségi Bizonyítvány

Subject requirements:

- Required relevant subjects are Chemistry, Mathematics and Physics
- Elective exam subjects Physics and Chemistry must be taken in the final exams next to the four compulsory exam subjects (Hungarian language and literature, History, Mathematics and Second language (English or German))
- Higher Level compulsory for Mathematics, Physics and Chemistry

Grade requirements:

- Exam grades for Mathematics, Physics and Chemistry should be 4 or higher
- The other three exam subjects must have a total of at least 8 points together
- Only one subject can have a grade 2 or higher, the other two must have at least a grade 3

Iceland

Required diploma:

- Stúdentspróf (obtained at a Menntaskóli). Natural Sciences

Subject requirements:

- Required relevant subjects are Mathematics, Physics and Chemistry

India

Required diploma:

- Standard XII School Certificate (from either CISCE or CBSE), only academic stream from the science cluster

Subject requirements:

- Compulsory relevant subjects are Chemistry, Mathematics and Physics
- All 3 relevant subjects must have been taken in the exams

Grade requirements:

- A total of five academic subjects in the final exams must have been passed with a result of at least 85% (CISCE), or at least A1 or A2 (CBSE). Non-externally examined subjects will not be taken into consideration

Indonesia

Required diploma:

- Ijazah Sekolah Menengah (SMA) from an Indonesian Top School (Natural Sciences profile)

Subject requirements:

- Compulsory in final exams are relevant subjects Mathematics, Physics and Chemistry

Grade requirements:

- Minimum grades of 70% are required for the last 6 semesters/3 years

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International Baccalaureate

Required Diploma:

- International Baccalaureate (Diploma Program, not Career-related program)

Subject requirements:

- Required relevant subjects are Chemistry, Mathematics and Physics
- At least two out of the three relevant subjects must be on HL, of which Physics HL is a requirement. The third subject must be on HL or SL
- Mathematics: only A&A (HL or SL) is accepted. A&I (HL or SL) is not accepted
- Subjects from Group 6 (the Arts), will not be considered for admission purposes (HL nor SL), and must be replaced by a 2nd subject from the Science group (Group 4)

Grade requirements:

- An overall score of at least 27 points (not including points for CAS, EE and ToK)
- All grades must be 4 points or higher

Ireland

Required diploma:

- Leaving Certificate Established (LCE) with at least 6 exam subjects, of which at least two on Higher level. Leaving Certificate Vocational Programme is not taken into consideration, nor are subjects from the Applied Science group

Subject requirements:

- Required relevant subjects are Chemistry, Mathematics and Physics
- All 3 relevant subjects must be examined of which 2 on HL and 1 on OL

Grade requirements:

- All grades (HL and OL) must be 4 or higher

Israel

Required diploma:

- Te'udat Bagrut with at least 21 units

Subject requirements:

- Required relevant subjects are Chemistry, Mathematics and Physics
- Mathematics must have 4 or 5 units
- The other relevant subjects must each have 3 or more units

Grade requirements:

- All grades must be "almost good" or higher

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Italy

Required diploma:

- Diploma di Superamento dell'Esame di Stato Conclusivo from a Liceo Scientifico. A Diploma from a Liceo Linguistico, Classico or Science Umane is not taken into consideration for admission purposes

Subject requirements:

- Required relevant subjects are Natural Science, Mathematics and Physics
- All relevant subjects must be examined

Grade requirements:

- All relevant subjects must have a 6.0 or higher

Kazachstan

Required diploma:

- Nazarbayev Intellectual Schools (NIS) Year 12 Certificate

Subject requirements:

- Required relevant subjects are Chemistry, Mathematics and Physics
- All relevant subjects must be included in the NIS certificate

Grade requirements:

- All grades must be at least 4.5 out of 5

OR

Required diploma:

- Atestat from a regular Kazakh secondary school + one year of University in Chemistry with sufficient grades

Subject requirements:

- Chemistry, Mathematics and Physics must have been in the final exams of secondary school

Grade requirements:

- The university's Transcript of Records must list passing grades or above

Kosovo

Required diploma:

- Gjimnazit, or Diplomë për Kryerjen e Shkollës së Mesme të Lartë – Gjimnazit

Subject requirements:

- Required relevant subjects are Chemistry, Mathematics and Physics
- All relevant subjects must be in the diploma

Grade requirements:

- All grades must be 4 or 5 (out of 5)

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Latvia

Required diploma:

- Atestāts par vispārējo vidējo izglītību in the exact (natural) sciences cluster

Subject requirements:

- Required relevant subjects are Chemistry, Mathematics and Physics
- All relevant subjects must be in the Centralized Examinations

Grade requirements:

- All grades should be at least 7 out of 10

Lebanon

Required diploma:

- One year of University education in Chemistry

Subject requirements:

- Additional certificates in Physics, Chemistry and Mathematics must be obtained

Grade requirements:

- The University's Transcript of Records must list passing grades or above

Lithuania

Required diploma:

- Brandos Atestatas (Mathematics & Natural Sciences stream) with at least seven Matura subjects, of which at least four are A level and state exams

Subject requirements:

- Required relevant subjects are Chemistry, Physics and Mathematics
- Relevant subjects must have been taken as A-level + Matura state exams

Grade requirements:

- Grades in the final year for the relevant subjects must be at least 8, for all other subjects at least 7
- Grades in the Matura state exams for relevant subjects must be 86 or higher, all other subjects 36 or higher

Luxembourg

Required diploma:

- Diplôme de fin d'études secondaires classiques, spécialisation sciences naturelles et mathématiques

Subject requirements:

- Required relevant subjects are Chemistry, Physics and Mathematics

Grade requirements:

- Grades for the relevant subjects must be at least 40, all other grades at least 35

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Malaysia

Required diploma:

- Sijil Tinggi Persekolahan Malaysia (STPM) Matriculation Certificate OR Unified Examination Certificate (UEC)

Subject requirements:

- Required relevant subjects are Chemistry, Mathematics and Physics
- The relevant subjects must be examined

Grade requirements:

- STPM Cumulative GPA must be at least 2.67
 - grades for relevant subjects must be 3.00 or higher
- OR
- All UEC grades should be B3 or higher

Mexico

Required diploma:

- One year of university education in Chemistry

Subject requirements:

- Additional certificates in Physics, Chemistry and Mathematics must be obtained

Grade requirements:

- The University's Transcript of Records must list passing grades or above

Moldova

Required diploma:

- Diploma de bacalaureat, science (real) profile with a grade B (8.01) or higher

Subject requirements:

- Required relevant subjects are Chemistry, Mathematics and Physics
- Mathematics and Physics must be taken in the final exams
- Chemistry must be taken in the final year and may, but need not be examined

Grade requirements:

- GPA in the final year must be at least A (9.01-10)
- Grades of all exam subjects must be at least A (9.01-10)
- Grades of all relevant subjects not in the final exam must be at least A (9.01-10)

Morocco

Required diploma:

- One year of university education in Chemistry

Subject requirements:

- Additional certificates in Physics, Chemistry and Mathematics must be obtained

Grade requirements:

- The University's Transcript of Records must list passing grades or above

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The Netherlands

Required diploma:

- Diploma Voorbereidend Wetenschappelijk Onderwijs (VWO)

Required subjects:

- Chemistry, Mathematics B and Physics

New Zealand

Required diploma:

- NCEA Level 3 (NZQF level 3/EQF level 5), with sufficient credits from general level 3 subjects

Subject requirements:

- Required relevant subjects are Chemistry, Physics and Mathematics
- All relevant subjects must be level 3
- Statistics and Probability is not taken into consideration

Grade requirements:

- All relevant subjects must have 14 Credits

North Macedonia

Required diploma:

- Diploma za položena državna matura / Диплома за положена државна матура (Diploma of completed state matura exam)

Subject requirements:

- Required relevant subjects are Chemistry, Mathematics and Physics

Grade requirements:

- All grades in the Matura should be "Very Good" (4.00–4.99) or "Excellent" (5.00)

Norway

Required diploma:

- Vitnemål for Videregående Skole, General Studies specialisation Natural Science and Mathematics

Subject requirements:

- Required relevant subjects are Mathematics, Physics and Chemistry
- The relevant subjects must have been taken in the final exam

Grade requirements:

- All grades in the final year and the final exams must be 4 or higher

Pakistan

Required diploma:

- High school diploma plus Bachelor of Science (pass) in Chemistry

Subject requirements:

- Chemistry, Mathematics and Physics should be taken in high school

Grade requirements:

- All high school grades must be A or A1 (Excellent, 70-79% or Exceptional (80-100%))
- The University's Transcript of Records must list passing grades or above

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Panama

Required diploma:

- Bachillerato + having passed at least 1 year of university education in Chemistry

Grade requirements:

- The University's Transcript of Records must list passing grades or above

Poland

Required diploma:

- Świadectwo dojrzałości issued by the Okręgowa Komisja Egzaminacyjna

Subject requirements:

- Required relevant subjects are Physics, Mathematics and Chemistry
- All relevant subjects must have been taken in the Maturity on advanced level

Grade requirements:

- Grades for relevant subjects in the written exams must be at least 50%
- Grades in the final year for relevant subjects must be at least 4 out of 6
- The GPA in the final year must be at least 4 out of 6

Portugal

Required diploma:

- Diploma / Certificado do Ensino Secundário, Cursos científicos humanísticos (Science and Technology profile), plus Classificações para Acesso ao Ensino Superior (ENES)

Subject requirements:

- Mathematics (A), Chemistry and Physics in all years of upper secondary education + CCVX/Boswell Chemistry

Grade requirements:

- Diploma or certificado do Ensino Secundário: a grade point average of at least 15 (Média Final)
- Classificações para Acesso ao Ensino Superior (ENES): scores of at least 120 (out of 200)

Romania

Required diploma:

- Diploma de Bacalaureat (with Liceul theoretic), Profil Real, specialisation Natural Sciences

Subject requirements:

- Required relevant subjects are Chemistry, Mathematics and Physics
- Either Chemistry or Physics must have been taken in the National Bacalaureate Exam
- The relevant subject that was not examined in the Bacalaureate (Chemistry or Physics) must have been taken in the final year of high school

Grade requirements:

- Overall GPA in year 11 and 12 must be at least 8 out of 10
- Grades in the final year and the Bacalaureate for the relevant subjects must be at least 9 out of 10
- GPA of the examined subjects in the Bacalaureate must be at least 9 out of 10

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Russia

Required diploma:

- Attestat o Srednem (Polnom) Obshchem Obrazovanii / Attestat Zrelosti

Subject requirements:

- Required relevant subjects that must have been taken in the final exams of High School are, Chemistry, Physics and Mathematics (the exact level will be individually assessed)

Grade requirements:

- Silver and gold medals in relevant Olympiads on city, regional or national level, as well as high school grades, will be considered for admission purposes

Serbia

Required diploma:

- Diploma o stečenom srednjem obrazovanju (Diploma of Secondary Education (Academic Stream))

Subject requirements:

- Required relevant subjects are Chemistry, Mathematics and Physics
- Mathematics must be in the Matura
- Chemistry and Physics must be in the final year of high school

Grade requirements:

- All grades in the Matura and the final year of high school must be 4 or higher

Singapore

Required diploma:

- Singapore-Cambridge GCE A-level in at least 3 H2 + 1 H1 content-based subjects + General Paper/Knowledge and Inquiry (5 different subjects in total)

Subject requirements:

- Required relevant subjects are Chemistry, Physics and Mathematics
- All relevant subjects must have been taken as H2 subjects

Grade requirements:

- Grades for all H1 and H2 must be B or higher
- Grade for H3 (if any) must be "Distinction" or "Merit"

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Slovakia

Required diploma:

- Vysvedčenie o maturitnej skúške (obtained at Gymnázium)

Subject requirements:

- Required relevant subjects are Chemistry, Physics and Mathematics.
- Next to Slovak and English, Mathematics + Physics, or Mathematics + Chemistry must be in the Matura.
- If Physics was taken in the Matura, then CCVX/Boswell Chemistry is needed
- If Chemistry was taken in the Matura, then CCVX/Boswell Physics is needed

Grade requirements:

- Grades in the Matura for Mathematics + either Physics or Chemistry must have a grade 1 or 2.
- Grades in the Matura for Slovak and English must have a grade 1, 2 or 3,
- The total number of points for the four final exam subjects in the Matura must be below 10.

Slovenia

Required diploma:

- Splošna Matura (obtained at a Gimnazia)

Subject requirements:

- Required relevant subjects are Chemistry, Physics and Mathematics
- Physics and Chemistry must be the two elective subjects in the Matura. Next to the three compulsory subjects (Slovenian/Hungarian/Italian, Mathematics and a foreign language)

Grade requirements:

- All grades in the Matura and the final year must be at least 4 out of 5 (or 8 out of 10)

South Africa

Required diploma:

- National Senior Certificate with 7 course certificates from the Advanced Programme of the Examination Board (IEB)

Subject requirements:

- Required relevant subjects are Chemistry, Physics and Mathematics and must all be an IEB APC

Grade requirements:

- NSC must have an overall average result of 75% for five courses (not including Life Orientation and Mathematical Literacy)
- The IEB APC's must have a result of at least 55%

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South Korea

Required diploma:

- A high school certificate from a Science High School (grades 80 and higher)
OR, if High School grades are lower than 80
- CSAT with elective Science

Subject requirements:

- Required relevant subjects are Chemistry, Mathematics and Physics

Grade requirements:

- Grades for the Certificate from a Science High School must be at least 80
- Grades on CSAT
 - for compulsory subjects at least 160
 - for the elective Science at least 80

OR

Required diploma:

- One year of university education in Chemistry

Subject requirements:

- Additional certificates in Chemistry, Mathematics and Physics must be obtained

Grade requirements:

- The University's Transcript of Records must list passing grades or above

Spain

Required diploma:

- Título de Bachiller, modality ciencias, plus Selectividad certificate (EBAU)

Subject requirements:

- Required relevant subjects: Chemistry, Mathematics and Physics
- EBAU: Chemistry and Physics must be examined, next to the compulsory subject Mathematics
- PCE: must include relevant subjects

Grade requirements:

- In the Bachillerato grades for the relevant subjects must be at least 6
- In the EBAU grades for the relevant subjects must be at least 6

Surinam

Required diploma:

- Diploma Voorbereidend Wetenschappelijk Onderwijs (VWO)

Required subjects:

- Chemistry, Mathematics B and Physics

Admission Requirements

BSc Chemistry

study year 2026-2027

Sweden

Required diploma:

- Högskoleförberedande examen, Naturvetenskapsprogrammet/Natural Science Programme

Subject requirements:

- Required relevant subjects are Chemistry, Physics and Mathematics
- Physics and Chemistry both on level 1 and 2
- Mathematics (level 4)

Grade requirements:

- On a grading scale from A-F (A is highest pass, E is lowest pass, F is fail), grades must be B or higher

Switzerland

Required diploma:

- Certificat de Maturité / Maturitätszeugnis / Maturitätsausweis / Maturity Certificate from a Gymnasiale Maturitätsschule / École de Maturité / Baccalaureate School

Subject requirements:

- Required relevant subjects are Physics, Mathematics and Chemistry
- Physics and Mathematics must be principal subjects
- Chemistry must be a supplementary subjects

Grade requirements

- Grades for all relevant subjects should be 4 or higher

Taiwan

Required diploma:

- One year of university education in Chemistry

Subject requirements:

- Additional certificates in Chemistry, Mathematics and Physics must be obtained

Grade requirements:

- The University's Transcript of Records must list passing grades or above

Tanzania

Required diploma:

- One year of university education in Chemistry

Subject requirements:

- Additional certificates in Chemistry, Mathematics and Physics must be obtained

Grade requirements:

- The University's Transcript of Records must list passing grades or above

Admission Requirements

BSc Chemistry

study year 2026-2027

Tunisia

Required diploma:

- One year of university education in Chemistry

Subject requirements:

- Additional certificates in Chemistry, Mathematics and Physics must be obtained

Grade requirements:

- The University's Transcript of Records must list passing grades or above

Turkey

Required diploma:

- Lise Diploması after 4 years of general secondary education

Subject requirements:

- Required relevant subjects are Chemistry, Mathematics and Physics
- The relevant subjects must be taken in year 11 and 12 with at least the following minimum number of hours:
Mathematics (6), Chemistry (4), Physics (4)

Grade requirements:

- Overall GPA in year 10, 11 and 12 must be at least 85
- Grades for relevant subjects in year 10, 11 and 12 must be at least 85 out of 100

Uganda

Required diploma:

- One year of university education in Chemistry

Subject requirements:

- Additional certificates in Chemistry, Mathematics and Physics must be obtained

Grade requirements:

- The University's Transcript of Records must list passing grades or above

Ukraine

Required diploma:

- Svidotstvo pro zdobuttia povnoi zagalnoi serednoi osvity

Subject requirements:

- Required relevant subjects are Chemistry, Mathematics and Physics

Grade requirements:

- Grades for all relevant subjects must be between 10-12 (4th level/high)

Admission Requirements

BSc Chemistry

study year 2026-2027

United Kingdom (England, Wales and Northern Ireland)

Required diploma:

- (International) General Certificate of Secondary Education ((I)GCSE) in 6 subjects or more, plus a(n) (International) General Certificate of Education (I)GCE with 3 (or more) subjects on advanced level (A-level)

Subject requirements:

- Required relevant subjects are Chemistry, Mathematics and Physics
- At least 2 of the 3 (or more) (I)GCE A-levels should be a relevant subject. The 3rd (I)GCE A-level is non-specific
- One of the (I)GCSE subjects should be the third relevant subject if not examined at (I)GCE A-level
- Non-academic subjects (such as: Art & Design, Music, Music Technology, Drama & Theatre Studies, Design & Technology, Food preparation & Nutrition, etc., etc.) are not taken into account, and do not count towards the minimum number of subjects required for both (I)GCSE and (I)GCE A-levels

Grade requirements:

- At least 6 (I)GCSE's, all AS-levels and 3 (I)GCE A-levels should have grade B or higher. On a 1-9 scale, all grades should be 6 and higher

United Kingdom (Scotland)

Required diploma:

- Scottish Qualifications Certificate (SQC) with 4 Highers

Subject requirements:

- Required relevant subjects are Chemistry, Physics and Mathematics
- Chemistry must be at least a Higher
- Physics and Mathematics must be Advanced Highers

Grade requirements:

- Grades for all Highers and Advanced Highers should be B or higher

Admission Requirements

BSc Chemistry

study year 2026-2027

United States

Required diploma:

- High School Diploma with 4 or more AP (Advanced Placement) Certificates, issued by the College Board

Subject requirements:

- Required relevant subjects are Chemistry, Physics and Mathematics
- The relevant subjects must be AP certificates as follows
 - Calculus (AB or BC)
 - Chemistry
 - Physics (Physics 2 + Physics 1 OR Physics 2 + Physics C Mechanics)
- Non-academic courses in High School are not taken into consideration

Grade requirements:

- All AP certificates must have a minimum score of 3 out of 5
- High School GPA must be at least 3.5 out of 4.0
- All relevant subjects in the High School exam must at least have a grade of 3.5 out of 4.0
- Grades for non-academic courses in High School will not count towards the GPA

Vietnam

Required diploma:

- Bang Tot Nghiep Pho Thong Trung Hoc

Subject requirements:

- Required relevant subjects are Mathematics, Physics and Chemistry
- Next to Mathematics and Literature, Physics and Chemistry should be in the national examinations

Grade requirements:

- GPA in the national examinations of at least 8, grades for all relevant subjects must be at least 8

Zimbabwe

Required diploma:

- One year of university education in Chemistry

Subject requirements:

- Additional certificates in Chemistry, Mathematics and Physics must be obtained

Grade requirements:

- The University's Transcript of Records must list passing grades or above