



Universiteit Leiden – The Netherlands

Specific diploma requirements for science programmes

2017-2018

Listed diplomas:

American High School
Abitur (Germany)
ASO (Belgium)
Baccalaureat (France)
European Baccalaureate
GCE (United Kingdom)
International Baccalaureate
VWO (Suriname)

Please note:

- This is a list of the most common foreign / international diplomas that meet the minimum requirements for admission.
- This list does not represent any statement of equivalency or admission; additional requirements may still be imposed.
- A final decision on admission is taken only after you have submitted a complete online application for admission.
- If your diploma is not mentioned, please visit the website of the programme for contact information for prospective students.



American High School

General requirements

High School Diploma with a College Preparatory programme and minimum GPA of 3.5 out of 4.0, with 3 College Board AP's (grades 3-5) in general academic subjects.

Specific requirements

Please note: the AP courses noted are specific requirements. The general requirement of 3 AP courses in general academic subjects may include the subjects mentioned in the specific requirements.

Physics:	AP Calculus AB or BC + AP Physics 2
Astronomy:	AP Calculus AB or BC + AP Physics 2
Computer Sciences:	AP Calculus AB or BC
Bio-Pharmaceutical Sciences:	AP Calculus AB or BC + AP Biology + AP Chemistry
Biology:	AP Calculus AB or BC + AP Physics 1 + AP Biology + AP Chemistry
Molecular Science & Technology:	AP Calculus AB or BC + AP Physics 2 + AP Chemistry
Mathematics:	AP Calculus AB or BC

Please note: The requirements listed are valid for the academic year 2017-2018 and may be subject to change in subsequent academic years.

Replacement courses / exams

If you do not meet the conditions stated above, it is possible to obtain certificates for the required subjects in the Netherlands. See:

- <http://www.boswell-beta.nl/en/exams> (required level is VWO, not HAVO)
- <https://www.rijksoverheid.nl/onderwerpen/voortgezet-onderwijs/vraag-en-antwoord/wat-is-het-staatsexamen> (information only available in Dutch)
- <http://www.cvx.nl/> (for Medicine and Biomedical Sciences)

Language requirements

Dutch - Required:

- NT2, programme II (see: https://www.hetcvte.nl/item/state_exams_for_dutch_as_a_second); or
- Admission Exam TUL Intermediate (see: <http://hum.leiden.edu/languagecentre/dutch/dutch-exams.html>)

Application documents

- High school transcript
- AP results
- SAT-general test score and ACT test result (if applicable)
- Information on your Dutch proficiency (courses attended and exams taken)



Abitur (Germany)

General requirements

Zeugnis der allgemeine Hochschulreife (Abitur).

Specific requirements

Please note: all courses must be attended up to and including the final year.

Physics:	Mathematik und Physik
Astronomy:	Mathematik und Physik
Computer Sciences:	Mathematik
Bio-Pharmaceutical Sciences:	Mathematik, Chemie und Biologie
Biology:	Mathematik, Chemie und Physik + Biologie (Leistungskurs)
Molecular Science & Technology:	Mathematik und Physik + Chemie (Leistungskurs)
Mathematics:	Mathematik

Please note: The requirements listed are valid for the academic year 2017-2018 and may be subject to change in subsequent academic years.

Replacement courses / exams

If you do not meet the conditions stated above, it is possible to obtain certificates for the required subjects in the Netherlands. See:

- <http://www.boswell-beta.nl/en/exams> (required level is VWO, not HAVO)
- <https://www.rijksoverheid.nl/onderwerpen/voortgezet-onderwijs/vraag-en-antwoord/wat-is-het-staatsexamen>
(information only available in Dutch)
- <http://www.ccvx.nl/> (for Medicine and Biomedical Sciences)

Language requirements

Dutch - Required:

- NT2, programme II (see: https://www.hetcvte.nl/item/state_exams_for_dutch_as_a_second); or
- Admission Exam TUL Intermediate (see: <http://hum.leiden.edu/languagecentre/dutch/dutch-exams.html>)
- ATC Dutch course for native speakers of German (see: <http://hum.leiden.edu/languagecentre/dutch/dutch-forgermans.html>)

English - Recommended: CEFR level B2 or higher

Application documents

- Abitur transcript
- Information on your Dutch proficiency (courses attended and exams taken)



ASO (Belgium)

General requirements

Belgian Algemeen Secundair Onderwijs (ASO) diploma.

Specific requirements

Please note: the numbers in brackets correspond with the required minimum hours per subject.

Physics:	Wiskunde (4) + Fysica (1)
Astronomy:	Wiskunde (4) + Fysica (1)
Computer Sciences:	Wiskunde (4)
Bio-Pharmaceutical Sciences:	Wiskunde (4) + Biologie (1) + Chemie (1)
Biology:	Wiskunde (4) + Fysica (1) + Chemie (1) + Biologie (1)
Molecular Science & Technology:	Wiskunde (4) + Fysica (1) + Chemie (1)
Mathematics:	Wiskunde (4)

Please note: The requirements listed are valid for the academic year 2017-2018 and may be subject to change in subsequent academic years.

Replacement courses / exams

If you do not meet the conditions stated above, it is possible to obtain certificates for the required subjects in the Netherlands. See:

- <http://www.boswell-beta.nl/en/exams> (required level is VWO, not HAVO)
- <https://www.rijksoverheid.nl/onderwerpen/voortgezet-onderwijs/vraag-en-antwoord/wat-is-het-staatsexamen> (information only available in Dutch)
- <http://www.ccvx.nl/> (for Medicine and Biomedical Sciences)

Language requirements

English - Recommended: CEFR level B2 or higher

Application documents

- ASO transcript and, if already available, your diploma



Baccalaureat (France)

General requirements

Baccalaureat Serie Scientifique diploma

Specific requirements

Physics:	Mathematique + Physique-Chimie
Astronomy:	Mathematique + Physique-Chimie
Computer Sciences:	Mathematique
Bio-Pharmaceutical Sciences:	Mathematique + Physique-Chimie + Sciences Vie & Terre
Biology:	Mathematique + Physique-Chimie + Sciences Vie & Terre
Molecular Science & Technology:	Mathematique + Physique-Chimie
Mathematics:	Mathematique

Please note: The requirements listed are valid for the academic year 2017-2018 and may be subject to change in subsequent academic years.

Replacement courses / exams

If you do not meet the conditions stated above, it is possible to obtain certificates for the required subjects in the Netherlands. See:

- <http://www.boswell-beta.nl/en/exams> (required level is VWO, not HAVO.)
- <https://www.rijksoverheid.nl/onderwerpen/voortgezet-onderwijs/vraag-en-antwoord/wat-is-het-staatsexamen> (information only available in Dutch)
- <http://www.cvx.nl/> (for Medicine and Biomedical Sciences)

Language requirements

Dutch – Required*:

- NT2, programme II (see: https://www.hetcvte.nl/item/state_exams_for_dutch_as_a_second); or
- Admission Exam TUL Intermediate (see: <http://hum.leiden.edu/languagecentre/dutch/dutch-exams.html>)

English - Recommended: CEFR level B2 or higher

*Exemption from the Dutch language requirement can be granted on the basis of a Baccalaureat Serie S diploma, option International Neerlandais.

Application documents

- Baccalaureat Serie S transcript
- Information on your Dutch proficiency (courses attended and exams taken)



European Baccalaureate

General requirements

European Baccalaureate (EB) diploma

Specific requirements

Please note: all subjects mentioned must be attended up to and including the final year (year 7) and have a written examination.

Physics:	Mathematics (5) + Physics
Astronomy:	Mathematics (5) + Physics
Computer Sciences:	Mathematics (5)
Bio-Pharmaceutical Sciences:	Mathematics (5) + Biology + Chemistry
Biology:	Mathematics (5) + Physics + Biology + Chemistry
Molecular Science & Technology:	Mathematics (5) + Physics + Chemistry
Mathematics:	Mathematics (5)

Please note: The requirements listed are valid for the academic year 2017-2018 and may be subject to change in subsequent academic years.

Replacement courses / exams

If you do not meet the conditions stated above, it is possible to obtain certificates for the required subjects in the Netherlands. See:

- <http://www.boswell-beta.nl/en/exams> (required level is VWO, not HAVO.)
- <https://www.rijksoverheid.nl/onderwerpen/voortgezet-onderwijs/vraag-en-antwoord/wat-is-het-staatsexamen> (information only available in Dutch)
- <http://www.cvx.nl/> (for Medicine and Biomedical Sciences)

Language requirements

Dutch – Required*:

- NT2, programme II (see: https://www.hetcvte.nl/item/state_exams_for_dutch_as_a_second); or
- Admission Exam TUL Intermediate (see: <http://hum.leiden.edu/languagecentre/dutch/dutch-exams.html>)

English - Recommended: CEFR level B2 or higher

*Exemption from the Dutch language requirement can be granted on the basis of Nederlands (taal 1: native language) or Nederlands (taal 2: second language).

Recommended - English: CEFR level B2 or higher

Application documents

- European Baccalaureate transcript and, if already available, your diploma. Please make sure the transcript shows clearly which subjects have oral examination and which subjects have written examination.
- Information on your Dutch proficiency (courses attended and exams taken)



GCE (United Kingdom)

General requirements

At least 3 GCE Cambridge/Pearson A-levels (not AS levels) in general academic subjects with a grade of A, B or C.

Specific requirements

Please note: the A-levels subjects mentioned are specific requirements. The requirement of 3 A levels in general academic subjects may include the subjects mentioned in the specific requirements.

Physics:	Mathematics A + Physics A
Astronomy:	Mathematics A + Physics A
Computer Sciences:	Mathematics A
Bio-Pharmaceutical Sciences:	Mathematics AS or A + Biology A + Chemistry A
Biology:	Mathematics AS or A + Physics AS or A + Chemistry A + Biology A
Molecular Science & Technology:	Mathematics A + Physics A + Chemistry A
Mathematics:	Mathematics A

Please note: The requirements listed are valid for the academic year 2017-2018 and may be subject to change in subsequent academic years.

Replacement courses / exams

If you do not meet the conditions stated above, it is possible to obtain certificates for the required subjects in the Netherlands. See:

- <http://www.boswell-beta.nl/en/exams> (required level is VWO, not HAVO)
- <https://www.rijksoverheid.nl/onderwerpen/voortgezet-onderwijs/vraag-en-antwoord/wat-is-het-staatsexamen> (information only available in Dutch)
- <http://www.cvx.nl/> (for Medicine and Biomedical Sciences)

Language requirements

Dutch – Required:

- NT2, programme II (see: https://www.hetcvte.nl/item/state_exams_for_dutch_as_a_second); or
- Admission Exam TUL Intermediate (see: <http://hum.leiden.edu/languagecentre/dutch/dutch-exams.html>)

Application documents

- AS/A level certificates or statement from school with predicted A-levels. Please make sure the transcript clearly shows the level of the subjects.
- Information on your Dutch proficiency (courses attended and exams taken)



International Baccalaureate

General requirements

International Baccalaureate diploma.

Please note: only the full IB diploma (with the specific requirements mentioned below) is sufficient. IB course certificates only are not sufficient.

Specific requirements

Physics:	Mathematics HL + Physics HL
Astronomy:	Mathematics HL + Physics HL
Computer Sciences:	Mathematics HL
Bio-Pharmaceutical Sciences:	Mathematics SL + Biology HL + Chemistry HL
Biology:	Mathematics SL + Physics SL + Biology HL + Chemistry HL
Molecular Science & Technology:	Mathematics HL + Physics SL + Chemistry SL
Mathematics:	Mathematics HL

Please note: The requirements listed are valid for the academic year 2017-2018 and may be subject to change in subsequent academic years.

Replacement courses / exams

If you do not meet the conditions stated above, it is possible to obtain certificates for the required subjects in the Netherlands. See:

- <http://www.boswell-beta.nl/en/exams> (required level is VWO, not HAVO. And for Mathematics Wiskunde B)
- <https://www.rijksoverheid.nl/onderwerpen/voortgezet-onderwijs/vraag-en-antwoord/wat-is-het-staatsexamen> (information only available in Dutch)
- <http://www.cvx.nl/> (for Medicine and Biomedical Sciences only)

Language requirements

Dutch – Required:

- NT2, programme II (see: https://www.hetcvte.nl/item/state_exams_for_dutch_as_a_second); or
- Admission Exam TUL Intermediate (see: <http://hum.leiden.edu/languagecentre/dutch/dutch-exams.html>)

Application documents

- International Baccalaureate transcript and diploma or a recent mid-term transcript and/or predicted grades. Please make sure the transcript shows clearly the level of the subjects taken.
- Information on your Dutch proficiency (courses attended and exams taken)



VWO (Suriname)

General requirements

Suriname VWO diploma

Specific requirements

Physics:	Wiskunde 1 + Natuurkunde
Astronomy:	Wiskunde 1 + Natuurkunde
Computer Sciences:	Wiskunde 1
Bio-Pharmaceutical Sciences:	Wiskunde 1 + Biologie + Scheikunde
Biology:	Wiskunde 1 + Natuurkunde + Biologie + Scheikunde
Molecular Science & Technology:	Wiskunde 1 + Natuurkunde + Scheikunde
Mathematics:	Wiskunde 1

Please note: The requirements listed are valid for the academic year 2017-2018 and may be subject to change in subsequent academic years.

Replacement courses / exams

If you do not meet the conditions stated above, it is possible to obtain certificates for the required subjects in the Netherlands. See:

- <http://www.boswell-beta.nl/en/exams> (required level is VWO, not HAVO)
- <https://www.rijksoverheid.nl/onderwerpen/voortgezet-onderwijs/vraag-en-antwoord/wat-is-het-staatsexamen> (information only available in Dutch)
- <http://www.ccvx.nl/> (for Medicine and Biomedical Sciences)

Language requirements

English - Recommended: CEFR level B2 or higher

Application documents

- VWO transcript and, if already available, your diploma

