Admission requirements Bachelor’s programme in Artificial Intelligence (2018-2019)

Below, you will find diploma-specific admission requirements for the English-taught Bachelor’s programme in Artificial Intelligence. If your diploma is not mentioned below, please send an email to application@ai.ru.nl to find out the specific requirements that apply to your case.

Please note: for this programme an additional requirement has been set for Mathematics. Should you not meet one of the requirements mentioned per country below, then please always contact application@ai.ru.nl to get advise on how to eliminate your deficiency.

In short, (the equivalent of the Dutch) Mathematics A or Mathematics B can be acquired through:
1. Taking a Mathematics A or Mathematics B course at the Boswell-Bêta Institute, followed by the Boswell Exam;
2. Self-study of Mathematics A or Mathematics B topics and taking the CCVX test in Utrecht (The Netherlands). A topic list is available via the abovementioned email address;
3. Taking a final exam in one of the below mentioned Mathematics courses (e.g. GCE A(S)-level, AP course Statistics or Calculus, IB/ EB Mathematics course or a final mathematics exam in your home country).

Germany
Diploma: Zeugnis der Allgemeinen Hochschulreife.

Mathematics requirement: Having passed Mathematics as Prüfungsfach in the Abitur with a minimum grade of ‘4 Punkte’ for Mathematics as a Leistungskurs (in den letzten beiden Halbjahren auf dem Abiturzeugnis) or a minimum grade of ‘7 Punkte’ for Mathematics as a Grundkurs (in den letzten beiden Halbjahren auf dem Abiturzeugnis).

English language: Having passed English as Prüfungsfach in the Abitur (Grundkurs or Leistungskurs). If you haven’t passed English as a Prüfungsfach, then a separate certificate proving proficiency in English is needed (see below: “All other international pre-university qualifications”).

United Kingdom
Certificates: 3 GCSEs (no specific courses), minimum grade C and 3 GCE A-levels, minimum grade C.

Mathematics requirement: Having passed Mathematics at GCE A-level or having obtained a minimum grade B for Mathematics at GCE AS-level.

English language: Having obtained GCE A-levels proves proficiency in English.
United States
Diploma: High School Diploma including four courses on AP-level.
Mathematics requirement: Having obtained a minimum grade 3 (out of 5) for an AP course in Calculus AB or Calculus BC or having obtained a minimum grade 4 (out of 5) for an AP course in Statistics.
English language: Having obtained a High School Diploma in the United States proves proficiency in English.

International Baccalaureate Diploma
Diploma programme, not Career-related programme, with a minimum of at least 24 points.
Mathematics requirement: Having obtained a minimum grade 5 for Mathematics Standard Level or having obtained a minimum grade 4 for Mathematics Higher Level or having obtained a minimum grade 4 for Further Mathematics Higher Level.
English language: Having obtained an International Baccalaureate diploma proves proficiency in English.

European Baccalaureate Diploma
Diploma: European Baccalaureate Diploma.
Mathematics requirement: Having obtained a sufficient grade for Three Periods Mathematics, Five Periods Mathematics or Advanced Mathematics.
English language: Having passed English Language 1 or 2.

All other international pre-university qualifications (EU/EEA and non-EU/EEA)
Diploma: A diploma which is equivalent to or higher than the Dutch VWO level, according to NUFFIC.
Mathematics requirement: The level of previous education will be assessed on individual basis to determine whether it is of sufficient level.
English language: You can prove proficiency in English in two ways: through your diploma or through a language test.

1. Diploma
Obtaining a diploma equivalent to or higher than the Dutch VWO level by completing education at an institution in Australia, Canada (with the exception of Quebec), Ireland, New Zealand, the United Kingdom or the United States of America (where the language of instruction is English) proves proficiency in English.
Furthermore, obtaining a diploma from one of the countries mentioned below and having passed English in the final examinations, would also exempt you from taking a language test.

**Austria**
*Reifezeugnis or Reifeprüfungszeugnis*

**Belgium**
*Diploma van secundair Onderwijs*

**Denmark**
*Studentereksamenbevis*

**Estonia**
*Gümnaasiumi lõputunnistus*

**Finland**
*Ylioppilastutkintotodistus or Studenterexamenbevis*

**Germany**
*Zeugnis der Allgemeinen Hochschulreife*

**Hungary**
*Gimnáziumi Érettségi Bizonyítvány*

**Latvia**
*Atestats par Visparejo Videjo Izglitibu*

**Lithuania**
*Brandos Atestatas*

**Luxembourg**
*Diplôme de Fin d’Études Secondaires*

**Norway**
*Vitnemal for Videregaende Skole*

**Romania**
*Diploma de Bacalaureat*

**Slovakia**
*Vysvedcenie o Maturitnej skúske*

**Sweden**
*Slutbetyg fran Gymnasieskolan*

**The Netherlands**
*Voorbereidend Wetenschappelijk Onderwijs*

2. **Language Test**

If you haven't obtained one of the above mentioned diploma's or if you do not have a pass for English, a separate certificate proving proficiency in English is needed. We accept the tests mentioned below. Per test you will find the minimum required result.

- **IELTS Academic:** overall score of at least 6.0, all four sub-scores at least 6.0;
- **TOEFL iBT:** total score of at least 80, all four sub-scores at least 20;
- **Cambridge Certificate of Advanced English (CAE):** minimum mark C;
- **Cambridge Certificate of Proficiency in English (CPE):** minimum mark C;
- **RATEr:** the Radboud Academic Test of English (RATEr) Certificate with a pass on all four sub-scores.

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