2020-2021 Admission requirements for the Bachelor’s programme in Artificial Intelligence

When you apply for the Bachelor’s programme in Artificial Intelligence, there are several admission requirements you should meet. You need to have received sufficient previous education proven by a diploma, and you need to be proficient in English, in most cases proven by a language certificate. Finally, an additional requirement has been set for mathematics. Below, you will find the diploma-specific admission requirements.

Please note: for this programme an additional requirement has been set for Mathematics. Your level of mathematics should be equivalent to the Dutch vwo mathematics A or B. Should you not meet one of the requirements mentioned 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 vwo) mathematics A or B can be acquired through:

1. Having obtained the passing grade for the Online Mathematics Placement Test (OMPT-A or OMPT-D);
2. A SAT Mathematics test level 1 or 2 with a minimum score 600 (out of 800) points or the mathematics section in the SAT test;
3. Having obtained the James Boswell mathematics A or B certificate, after taking a mathematics exam at the Boswell-Bèta Institute. The Boswell-Beta Institute also offers full mathematics courses, followed by the Boswell Exam;
4. Having obtained a mathematics A or B Testimony of the CCVX (Centrale Commissies Voortentamen), through self-study of mathematics A or B topics and taking the CCVX test in Utrecht (The Netherlands). A topic list is available via the abovementioned email address;
5. Obtaining the passing grade for a final exam in one of the below mentioned mathematics courses (e.g. GCE A-level, AP course Statistics or Calculus, IB/EB Mathematics course or a final mathematics exam in your home country). The results will be assessed on an individual basis.

Germany
Diploma: Zeugnis der Allgemeinen Hochschulreife.

Mathematics requirement: Mathematics as Prüfungsfach in the Abitur (Grundkurs or Leistungskurs). The results will be assessed on an individual basis.

English language: English as Prüfungsfach in the Abitur (Grundkurs or Leistungskurs). The results will be assessed on an individual basis. If your level is insufficient, a separate certificate proving proficiency in English is needed (see below: “All other international pre-university qualifications”).
United Kingdom
Certificates: General Certificate of Secondary Education (GCSE) in six subjects or more, of which three subjects with marks ranging from A* to C, and a General Certificate of Education (GCE) with three subjects at advanced level (A-level) with marks ranging from A* to C.
Mathematics requirement: Having passed Mathematics at GCE A-level with a minimum grade C.
English language: Having obtained three GCE A-levels proves proficiency in English.

United States
Diploma: High School Diploma including four AP-certificate with a minimum grade 3 (out of 5).
Mathematics requirement: Having obtained a minimum grade 3 (out of 5) on an AP certificate in Calculus AB, Calculus BC or Statistics or a SAT mathematics test level 1 or 2 with at least 600 (out of 800) points or the mathematics section in the SAT test.
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, and a minimum of three higher level subjects.
Mathematics requirement: Mathematics Standard Level or Mathematics Higher Level with 4 points or more. Mathematics Studies Standard Level is not accepted.
English language: Having obtained an International Baccalaureate diploma proves proficiency in English.

European Baccalaureate
Diploma: European Baccalaureate Diploma.
Mathematics requirement: Having obtained the passing grade for Mathematics three periods per week or Mathematics five periods per week.
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 and/or NARIC.

Mathematics requirement: The level of previous education will be assessed on an 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, Singapore, 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 European countries mentioned on the following page 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

- **Finland**
  - Ylioppilastutkintotodistus or Studenterexamenbevis

- **Germany**
  - Zeugnis der Allgemeinen Hochschulreife

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

- **Norway**
  - Vitnemal for Videregaende Skole

- **Sweden**
  - Slutbetyg fran Gymnasieskolan

- **The Netherlands**
  - Voorbereidend Wetenschappelijk Onderwijs

Radboud University
2. **Language Test**

If you haven’t obtained one of the above mentioned diploma’s or a passing grade 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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