When you apply for the Artificial Intelligence Bachelor’s programme via a colloquium doctum procedure, you need to prove proficiency in both mathematics and English.

Mathematics
Your level of mathematics should be equivalent to the Dutch vwo mathematics A or B. 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, OMPT-D or OMPT-E);
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-Bèta 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 application@ai.ru.nl.

English
You can prove proficiency in English trough obtaining the minimum required test result on one of following language tests:

- 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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