

# Matthijs Muis

Curriculum Vitae

december 18, 2003

06 4505 6772

matthijs.muis@ru.nl

<https://www.linkedin.com/in/matthijs-muis/>

<https://matthijsmu.github.io/>

## Profile

Hi! I am a double bachelor student in BS Mathematics and BS Computer Science at Radboud University Nijmegen. I'm enjoying all courses and feel impatient to get started on my own research.

I am passionate about all of mathematics and computer science, from statistics to complexity to PL, and even abstract algebra. I am currently also following some courses on quantum mechanics.

My favourite pastimes include: running, playing chess, reading books and painting in watercolour.



## Education

- 2022-2025 BS MATHEMATICS. Radboud University. current GPA: 9.4/10 (141 ec.)

**first year:** 141 EC (for reference, 180 EC is the entire 3-year bachelor).

**For courses + grades: see the included transcript.**

- 2022-2025 BS COMPUTER SCIENCE. Radboud University. current GPA: 9.5/10 (141 ec.)

**For courses + grades: see the included transcript.**

2016-2022 VWO (GYMNASIUM), TRACKS: NATURE & TECHNOLOGY / NATURE & HEALTH.

Mill-Hill College Goirle. GPA: 9.5/10 (summa cum laude)

*Physics (10) / Chemistry (10) / Biology (9) / Mathematics B (10) / Mathematics D (10) / Latin (10) / Spanish (10) / English (9) / Dutch (8)*

## Extracurricular

- 2023 THE CORNELL, MARYLAND, MAX-PLANCK PRE-DOCTORAL RESEARCH SUMMER SCHOOL.

- A summer school for outstanding undergraduate and Masters students, to learn about cutting-edge research in computer science. Hosted at MPI-SWS in Saarbrücken.
- I was the youngest to be selected, and about 100 attendees were admitted from 500+ applications.
- Travelling costs and accomodation were funded by MPI.

- 2023-2025 RADBOUD HONOURS PROGRAMME FOR SCIENCE.

- Honours programme for outstanding students wanting to get engaged in research beyond the ordinary study programme.
- Includes writing an interdisciplinary research proposal (working together with other students) + field trip abroad.
- In the third year of BS, I do a thesis of 24 EC rather than the ordinary 12 EC and will receive extra funding to do this at an international university.

- 2020-2022 Followed and finished 39 ec. of BS Mathematics courses at Radboud University, while in high school:

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## Matthijs Muis

Curriculum Vitae

- Calculus A (10/10, 6 ec.)
- Calculus B (10/10, 6 ec.)
- Introduction Mathematics (10/10, 6 ec.)
- Linear Algebra A (10/10, 3 ec.)
- Linear Algebra B (10/10, 3 ec.)
- Probability Theory (9.5/10, 3 ec.)
- Group Theory (10/10, 6 ec.)

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- 2019-2022 ECONASIUM PROGRAMME. *An extracurricular programme for VWO-students offered by Tilburg University, that includes a statistics course and excursions.*
- 2019-2022 FAST-LANE ENGLISH PTA. *Finished programme of examination (PTA) for secondary-school English in 2 years instead of 3. This included doing my central final exam (CSE) a year ahead of schedule.*

## Achievements and Awards

- october 2021 FINALIST / DUTCH MATHEMATICAL OLYMPIAD. 9th/1480 of all VWO-5 participants. 16th/3399 of all participants.
- july 2022 OMO PROFILE PROJECT AWARD. 1st place (34 schools, 2431 exam candidates). Represented Mill-Hill College with my research project on Reinforcement Learning. Included a cheque of €1200,-
- march 2019 W4-KANGAROO MATHEMATICS CONTEST. VWO-3, wizPROF variant. 130/150 pts.

## Programming languages and frameworks

Python, C/C++, Haskell, Java, JavaFX, MPI, OpenMP, OpenCL, Markdown, HTML, YAML.

## Projects

- 2023 WEBSITE Built a personal website based on the al-folio jekyll template.  
**skills:** Git, YAML, HTML, Markdown.
- 2022 PROCESSOR Built a processor from breadboards and DIL-IC-chips during summer vacation.

*For more projects, see my personal website*

## Natural Languages

Language	Reading/Listening	Writing/Speaking
English	C1	B2
Spanish	B2	B2
French	A2/B1	A2/B1
German	A1	A1