

Curriculum Changes 2020-2021

Master of Science, Artificial Intelligence

The Artificial Intelligence department continuously reviews and refines the undergraduate curriculum to ensure that it is at the forefront of AI education, meets the highest learning outcomes and standards, and is responsive to the needs of our students. Changes are made with due consideration to minimize negative impact, safeguard academic standards and maintain or improve the quality of the learning experience.

A transitional regulation applies when curriculum requirements change, and the regulation ensures that the consequences of changes to the curriculum are minimal. A transitional regulation can be helpful if a course that you have not yet passed is no longer offered, has changed in significant ways, or has shifted to another curriculum year of the programme. Transitional regulations contain information about when resits are scheduled, when courses are (re)scheduled, and/or which academic requirements students have to fulfil instead of, or in addition to, diversified, renewed, or expired courses.

The Education and Examination Regulations (EER) contains rules applicable to teaching and exams, as well as explanations of transitional regulations: <https://www.ru.nl/socialsciences/stip/faculty-study-information/arrangements/education-examination-regulations/>.

Please review the current curriculum in the AI Course Guide: <https://www.ru.nl/prospectus/socsci/>.

The transitional regulations in this document apply to students:

- who started the AI master's degree in academic year 2017-2018 or later
- and have complied with the official curriculum requirements since academic year 2017-2018
- and have not yet completed one or more curriculum requirements

Basis of these transitional regulations:

- Each student has the opportunity to continue studying the programme in which he/she started (cohort), provided that he/she studies nominally
- For courses that are offered for the last time, an examination opportunity will be offered once in the next academic year.

If you are experiencing delays to your academic progress, you are strongly advised to contact Student Advisor Paul Hömke (Paul.Homke@ru.nl) to discuss your academic progress and plan for the remainder of your studies.

Questions

If you have questions about the transitional regulations, please contact the Student Advisor, Paul Hömke, at Paul.Homke@ru.nl.

Disclaimer

The information contained in this document is for guidance purposes only. It has been compiled with the utmost care and is, to the best of our knowledge, true and accurate at the time of publication. Information covered by this document is subject to change due to a continuous process of review, and to unanticipated circumstances. No rights or liabilities may be derived from its content or as a result of use or reliance on this guide, or on the information therein, or in relation to information accessed via any links from or to any webpages. Where necessary, the AI Examining Board decides on course-specific or student-specific transitional regulations that differ from the arrangements in this document.

CURRICULUM CHANGES MSc ARTIFICIAL INTELLIGENCE, 2020-2021**1. New courses** (see course descriptions in prospectus for more information)

N.B. Any Compulsory or Specialisation Course in one specialisation may be taken as a Specialisation Elective in the other specialisation. Any master's course may be taken as a regular elective (Free Choice).

Course	Specialisation	Compulsory/elective	Instructions/Remarks
SOW-MKI69 Probabilistic Deep Learning (6EC)	Cognitive Computing	Compulsory Course	This course replaces the choice between Machine Learning in Practice (NWI-IMC030) and Statistical Machine Learning.
SOW-MKI70 Human-Robot Interaction (6EC)	Intelligent Technology	Specialisation Course	This course partly replaces Robotlab Practical (SOW-MKI59). Taking this course <u>excludes</u> students from doing Robotlab Practical
SOW-MKI71 AI Research Colloquium (3EC)	Cognitive Computing	Specialisation Elective	

2. Courses no longer offered

Course	Specialisation	Compulsory/elective -2019-2020 or earlier	Instructions/Remarks
SOW-MKI59 Robotlab Practical	Intelligent Technology	Specialisation Elective	See "Transitional Regulations" below
NWI-IMC056 Statistical Machine Learning			See "Transitional Regulations" below
SOW-MKI54 MatLab Skills		Free Elective	Possible replacements SOW-PSB3BC35N Signal analysis & Matlab (basic, extra-curricular or with permission of the Examination board [bachelor courses]) SOW-DGCN53 Matlab Mathematical Programming (advanced, assumes SOW-PSB3BC35N as prerequisite-with permission of CNS)

3. Courses with new names

Course 2019-2020	Course 2020-2021	Instructions/Remarks
SOW-MKI55 Artificial and Natural Music Cognition (6EC)	SOW-MKI55 Mind, Technology and Music (6 EC)	

4. New options: compulsory & elective courses

- Courses that new students (cohort 2020-2021) take as Compulsory, Specialisation or Specialisation Elective courses
- Students from cohorts 2019-2020 or earlier must request permission from the Examining Board (excieai@ai.ru.nl) if they wish to take any of the courses listed below to fulfil requirements for a specialisation core category (i.e., Compulsory Course or Specialisation Course).
- **N.B.** Students are not allowed to combine Specialisation Courses and Compulsory Courses from previous academic years and academic year 2020-2021 within a specialisation core category. Each specialisation core category must be composed entirely of courses from a previous curriculum (i.e., 2019-2020 or older) or the 2020-2021 curriculum, but not courses from both.

Course	Specialisation	Curriculum category	Instructions/Remarks
SOW-MKI68 Cognitive Robotics	Cognitive Computing	Specialisation course	
NWI-DGCN02 Neuroimaging 1 (6EC)	Cognitive Computing		No more specialisation elective
NWI-IMC012 Bayesian Networks (6EC)	Intelligent Technology		No more specialisation elective
NWI-DGCN02 Neuroimaging 1 (6EC) SOW-MKI69 Probabilistic Deep Learning (6EC) NWI-IMC006 Law in Cyberspace	Intelligent Technology	Specialisation elective	
NWI-IMC030 Machine Learning in Practice (6EC)	Intelligent Technology Cognitive Computing	Specialisation course Specialisation elective	
SOW-MKI55 Mind, Technology and Music	Intelligent Technology	Specialisation course	

TRANSITIONAL REGULATIONS MSc ARTIFICIAL INTELLIGENCE, 2020-2021

Course	Transitional regulation(s)	Regulation applicable	Instructions/Remarks
SOW-MKI59 Robotlab Practical	Students can follow a designated 3EC subset of SOW-MKI70 Human-Robot Interaction and get credits for this course.	2020-2021	Contact the course coordinator for more information.
NWI-IMC056 Statistical Machine Learning	Students who failed this course can re-register as the course is part of the Science Faculty	2020-2021	