

## Curriculum Changes & Transitional Regulations 2022-2023 Master of Science, Artificial Intelligence

The Artificial Intelligence department continuously reviews and refines the MSc 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 2020-2021 or later
- and have complied with the official curriculum requirements since academic year 2020-2021
- and have not yet completed one or more curriculum requirements

Basis of these transitional regulations:

1. Each student has the opportunity to continue studying the programme in which he/she started (cohort), provided that he/she studies nominally
2. 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 Johanna Glimmerveen ([johanna.glimmerveen@ru.nl](mailto:johanna.glimmerveen@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, Johanna Glimmerveen ([johanna.glimmerveen@ru.nl](mailto:johanna.glimmerveen@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, 2022-2023****1. New courses** (see course descriptions in prospectus for more information)

**N.B.** Any Compulsory or Specialisation Core 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). New courses that are enlisted as specialization core in one of the tracks of Intelligent Technology per 2022-23 may be taken as specialization core in the 2021-221 Intelligent Technology curriculum unless they are indicated as mutually exclusive with an existing course that was selected in the specialization core courses.

Course	Specialisation	Compulsory/elective	Instructions/Remarks
SOW-MKI84 Modelling & Analysis of Complex Networks	Cognitive Computing	Specialisation Elective	Available for all cohorts
SOW-MKI86 Neural computation	Cognitive Computing	Specialisation Elective	Available for all cohorts
SOW-MKI87 Agent-based Cognitive Modelling	Cognitive Computing	Specialisation Elective	Available for all cohorts

**2. Courses no longer offered**

Course	Specialisation	Compulsory/elective 2020 or earlier	Instructions/Remarks
MKI56 Theoretical Foundations of Cognitive Agents	Intelligent Technology Cognitive Computing	Specialisation elective Neurotechnology and Interactive Agents Specialisation core	Students who failed the course will get one more examination possibility. They must register for the course in Osiris.

**3. Changes in scheduling/curriculum**

Course	Specialisation	Instructions/remarks
MKI67 Ethics for AI	All Specialisations	Moves to the 1 <sup>st</sup> semester
General Machine Learning courses	All Specialisations	It is compulsory to select <u>minimum</u> 1 ML course out of: Statistical Machine Learning NWI-IMC056 (SEM1) Machine Learning in Practice NWI-IMC030 (SEM2) Applied Machine Learning MKI75 (SEM2) Probabilistic Deep Learning MKI69 (SEM2)

**4. Name changes**

Course	Specialisation	New name
SOW-MKI49 Neural Information Processing Systems	Cognitive Computing Specialisation Core Intelligent Technology Specialisation Elective Neurotechnology and Healthcare and Interactive Agents	SOW-MKI49 Complex Adaptive Systems
SOW-MKI79 Sensorimotor Neuroscience & Technology	Cognitive Computing Specialisation Elective Intelligent Technology Specialisation course Neurotechnology and Healthcare and Interactive Agents	SOW-MKI79 Sensorimotor Neurotechnology

**5. Other changes**

Course	Specialisation	Compulsory/Elective	Instructions/Remarks
none			