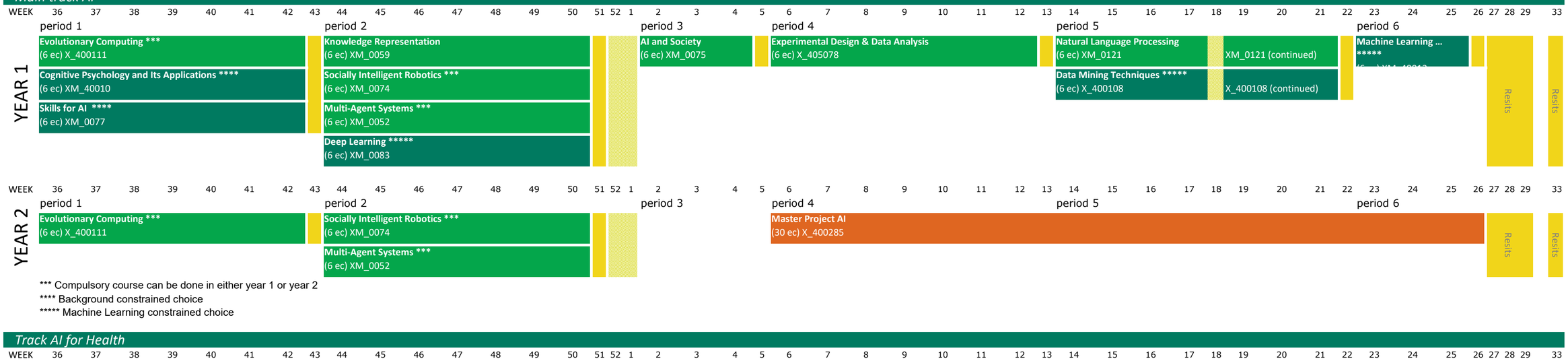
VU VRIJE UNIVERSITEIT AMSTERDAM — Faculteit der Bètawetenschappen

Compulsory Course | Elective | Examination week*
Constrained Choice | Project | Education free**

Last modified: 31-08-2022

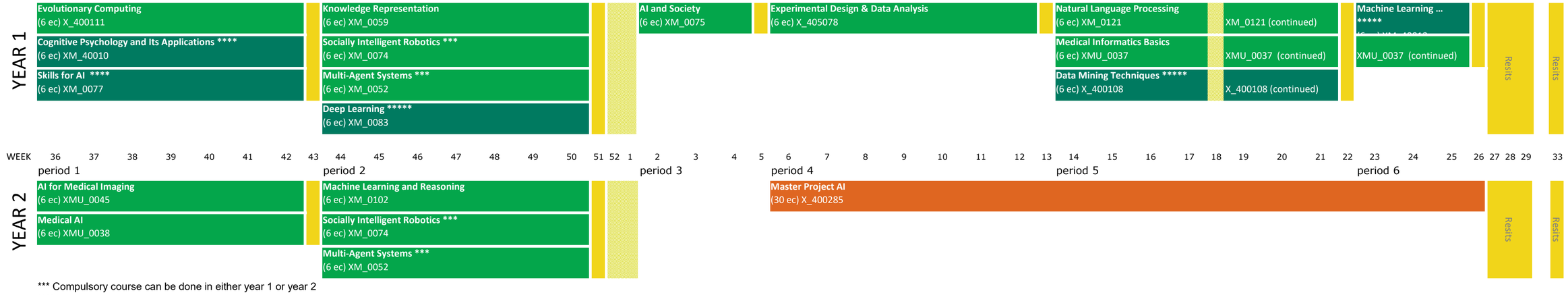
Year Schedule M Artificial Intelligence 2022-2023

Main track AI



*** Compulsory course can be done in either year 1 or year 2
**** Background constrained choice
***** Machine Learning constrained choice

Track AI for Health



*** Compulsory course can be done in either year 1 or year 2
**** Background constrained choice
***** Machine Learning constrained choice

Track Cognitive Science

WEEK 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 33

period 1 | period 2 | period 3 | period 4 | period 5 | period 6

YEAR 1

- **Evolutionary Computing ***** (6 ec) X_400111
- **Seminar Cognitive Neuroscience ***** (6 ec) P_MSEMCNS_AI
- **Cognitive Psychology and Its Applications ****** (6 ec) XM_40010
- **Skills for AI ****** (6 ec) XM_0077
- **Knowledge Representation** (6 ec) XM_0059
- **Socially Intelligent Robotics ***** (6 ec) XM_0074
- **Multi-Agent Systems ***** (6 ec) XM_0052
- **Deep Learning ******* (6 ec) XM_0083
- **AI and Society** (6 ec) XM_0075
- **Experimental Design & Data Analysis** (6 ec) X_405078
- **Brain Imaging** (6 ec) P_MBRIMAG_AI
- **Natural Language Processing** (6 ec) XM_0121
- XM_0121 (continued)
- **Data Mining Techniques ******* (6 ec) X_400108
- X_400108 (continued)
- **Machine Learning ... *******
- Resits
- Resits

WEEK 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 33

period 1 | period 2 | period 3 | period 4 | period 5 | period 6

YEAR 2

- **Evolutionary Computing ***** (6 ec) X_400111
- **Seminar Cognitive Neuroscience ***** (6 ec) P_MSEMCNS_AI
- **Neural Models of Cognitive Processes** (6 ec) P_NEUMOD_AI
- **Socially Intelligent Robotics ***** (6 ec) XM_0074
- **Multi-Agent Systems ***** (6 ec) XM_0052
- **Master Thesis: Research Project Cognitive Science** (30 ec) P_MTHRCSC
  or
  Master Project AI (30 ec) X_400285
- Resits
- Resits

*** Compulsory course can be done in either year 1 or year 2
**** Background constrained choice
***** Machine Learning constrained choice

Electives

Deepening AI

WEEK 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 33

period 1 | period 2 | period 3 | period 4 | period 5 | period 6

- **Mini Master Project** (6 ec) XM_400428
- **Advanced Machine Learning** (6 ec) XM_0010
- **Knowledge Organization** (6 ec) X_405065
- **Intelligent Interactive Systems** (6 ec) XMU_418023
- **Dynamic Programming and Reinforcement Learning** (6 ec) XM_0093
- **Deep Learning** (6 ec) XM_0083
- **Behaviour Dynamics in Social Networks** (6 ec) X_400113
- **The Social Web** (6 ec) X_405086
- **Machine Learning and Reasoning** (6 ec) XM_0102
- **Project Reinforcement...** (6 ec) XM_0120
- **Learning Machines** (6 ec) XM_0061
- **Machine Learning for G...** (6 ec) XM_0119
- **Entrepreneurship in Analytics and AI** (6 ec) XM_0090
- **Knowledge Representation on the Web** (6 ec) XM_0060
- **Advanced Logic** (6 ec) X_405048
- **Data Mining Techniques** (6 ec) X_400108
- X_400108 (continued)
- **Applications of Modal Logic for AI** (6 ec) XM_0082
- XM_0082 (continued)
- **Machine Learning for th...** (6 ec) XM_40012
- Resits
- Resits

Bioinformatics

WEEK 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 33

period 1 | period 2 | period 3 | period 4 | period 5 | period 6

- **Fundamentals of Bioinformatics** (6 ec) X_405052
- **Algorithms in Sequence Analysis** (6 ec) X_405050
- **Structural Bioinformatics** (6 ec) X_405019
- **Bioinformatics for Translational** (6 ec) X_405092
- **Medicine** X_405092 (continued)
- Resits

Cognitive Science

WEEK 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 33

period 1 | period 2 | period 3 | period 4 | period 5 | period 6

- **Seminar Cognitive Neurosciences** (6 ec) P_MSEMCNS_AI
- **Neural Models of Cognitive Processes** (6 ec) P_NEUMOD_AI
- **Behaviour Dynamics in Social Networks** (6 ec) X_400113
- **Memory and Memory Disorders** (6 ec) P_MMEMORY
- **Aging and Age-Related Disorders** (6 ec) P_MAGEDIS
- **Brain Imaging** (6 ec) P_MBRIMAG_AI
- Resits
- Resits

Language Technology

WEEK 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 33

period 1 | period 2 | period 3 | period 4 | period 5 | period 6

- **Subjectivity Mining** (6 ec) L_AAMPLIN018
- **Programming in Python for Text Analysis** (6 ec) L_AAMPLIN021
- **Language as Data** (6 ec) L_PAMATLW001
- **Machine Learning for NLP** (6 ec) L_AAMPLIN024
- **Communicative Robots** (6 ec) L_AAMPLIN029
- **Applied Text Mining 1...** (6 ec) L_PAMATLW004
- **Applied Text Mining 2: Domains** (6 ec) L_PAMATLW005
- **Advanced NLP** (6 ec) L_AAMPLIN035
- Resits
- Resits

Social Robotics

WEEK 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 33

period 1 | period 2 | period 3 | period 4 | period 5 | period 6

- **Essentials of Media Psychology** (6 ec) S_EMP
- **Communicative Robots** (6 ec) L_AAMPLIN029
- **Socially Intelligent Rob...** (6 ec) XM_0076
- **Social Robotics** (6 ec) S_SR
- Resits
- Resits

Health Sciences

WEEK 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 33

period 1 | period 2 | period 3 | period 4 | period 5 | period 6

- **Health Psychology** (6 ec) AM_470730
- **Health Promotion and Disease Prevention** (6 ec) AM_470811
- **Prevention of Mental H...** (6 ec) AM_470840
- Resits
- Resits

Others

WEEK 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 33

period 1 | period 2 | period 3 | period 4 | period 5 | period 6

- **Web Data Processing Systems** (6 ec) XM_40020
- **History of Digital Cultures** (6 ec) XM_0134
- **ICT4D: Information and Communi-** (6 ec) X_405101
- **cation Technology for...** X_405101 (continued)
- **ICT4D in the Field** (6 ec) XM_0008
- Resits
- Resits

* The examination weeks may differ. For more information about the annual format, click here and for the current timetable information go to rooster.vu.nl

** Education free means that no scheduled teaching or examinations take place on the VU campus. Exceptions may include: fieldwork, internship and research courses

Resits	P1	P2	P3	P4	P5	P6
Information Sciences	wk 2	wk 7/8/9	wk 14	wk 23	wk 27	wk 29/33
Natural Sciences and Mathematics	wk 2	wk 7/8/9	wk 14	wk 23	wk 27	wk 29/33
Health and Life Sciences	wk 2	wk 7/8/9	wk 14	wk 23	wk 27	wk 29/33
Earth, Ecological and Environmental Sciences	wk 2	wk 7/8/9	wk 14	wk 23	wk 27	wk 29/33