

**Schedule Master Computer Science courses, Spring 2024**  
Specialisation Artificial Intelligence

| Wk | Date   | Mo                             |      |   |          |           | Tue                            |           |           |     |           | Wed                            |      |      |     |   | Thu                            |   |   |   |   | Fri |   |   |   |   | Date |   |     |  |  |
|----|--------|--------------------------------|------|---|----------|-----------|--------------------------------|-----------|-----------|-----|-----------|--------------------------------|------|------|-----|---|--------------------------------|---|---|---|---|-----|---|---|---|---|------|---|-----|--|--|
| No | Mo     | 1                              | 2    | B | 3        | 4         | 5                              | 1         | 2         | B   | 3         | 4                              | 1    | 2    | B   | 3 | 4                              | 5 | 1 | 2 | B | 3   | 4 | 1 | 2 | B | 3    | 4 | Fri |  |  |
| 6  | 05 Feb | Int <sup>CS</sup>              | IAiM |   | aQA/ SDS | Rbt/ Cryp |                                | IR/ aQAat | SCA       |     | BM/ ITDM  | ED                             | CITO | ADL  |     |   |                                |   |   |   |   |     |   |   |   |   |      |   |     |  |  |
| 7  | 12 Feb | wCCC                           | IAiM |   | aQA/ SDS | Rbt/ Cryp |                                | IR/ aQAat | SCA       |     | BM/ ITDM  | ED                             | CITO | ADL  |     |   |                                |   |   |   |   |     |   |   |   |   |      |   |     |  |  |
| 8  | 19 Feb | pESS                           | IAiM |   | aQA/ SDS | Rbt/ Cryp |                                | IR/ aQAat | SCA       |     | BM/ ITDM  | ED                             | CITO | ADL  |     |   |                                |   |   |   |   |     |   |   |   |   |      |   |     |  |  |
| 9  | 26 Feb | pESS                           | IAiM |   | aQA/ SDS | Rbt/ Cryp |                                | IR/ aQAat | SCA       |     | pBM/ ITDM | ED                             | CITO | ADL  |     |   |                                |   |   |   |   |     |   |   |   |   |      |   |     |  |  |
| 10 | 04 Mar | pESS                           | IAiM |   | aQA/ SDS | Rbt/ Cryp |                                | IR/ aQAat | SCA       |     | BM/ ITDM  | ED                             | CITO | ADL  |     |   |                                |   |   |   |   |     |   |   |   |   |      |   |     |  |  |
| 11 | 11 Mar | pESS                           | IAiM |   | aQA/ SDS | Rbt/ Cryp |                                | IR/ aQAat | SCA       |     | pBM/ ITDM | ED                             | CITO | ADL  |     |   |                                |   |   |   |   |     |   |   |   |   |      |   |     |  |  |
| 12 | 18 Mar | pESS                           | IAiM |   | aQA/ SDS | Rbt/ Cryp |                                | IR/ aQAat | SCA       |     | BM/ ITDM  | ED                             |      |      |     |   |                                |   |   |   |   |     |   |   |   |   |      |   |     |  |  |
| 13 | 25 Mar | pESS                           | IAiM |   | aQA/ SDS | Rbt/ Cryp | Cryp                           | aQAat     | SCA       |     | pBM/ ITDM | ED                             | CITO | ADL  |     |   |                                |   |   |   |   |     |   |   |   |   |      |   |     |  |  |
| 14 | 01 Apr | <b>Easter Monday</b>           |      |   |          |           |                                |           | IR/ aQAat | SCA |           | BM/ ITDM                       | ED   | CITO | ADL |   |                                |   |   |   |   |     |   |   |   |   |      |   |     |  |  |
| 15 | 08 Apr | pESS                           | IAiM |   | aQA/ SDS | Rbt       |                                | IR/ aQAat | SCA       |     | BM/ ITDM  |                                | CITO | ADL  |     |   |                                |   |   |   |   |     |   |   |   |   |      |   |     |  |  |
| 16 | 15 Apr | pESS                           | IAiM |   | aQA/ SDS | Rbt/ Cryp |                                | IR        | SCA       |     | BM/ ITDM  | QC (online)                    | CITO | ADL  |     |   |                                |   |   |   |   |     |   |   |   |   |      |   |     |  |  |
| 17 | 22 Apr | pESS                           | IAiM |   | aQA/ SDS | Rbt/ Cryp |                                | IR/ aQAat | SCA       |     | BM/ ITDM  |                                | CITO | ADL  |     |   |                                |   |   |   |   |     |   |   |   |   |      |   |     |  |  |
| 18 | 29 Apr | pESS                           | IAiM |   | aQA/ SDS | Rbt/ Cryp |                                | IR/ aQAat | SCA       |     | BM/ ITDM  | QC (online)                    | CITO | ADL  |     |   |                                |   |   |   |   |     |   |   |   |   |      |   |     |  |  |
| 19 | 06 May | pESS                           | IAiM |   | aQA/ SDS | Rbt/ Cryp |                                | IR/ aQAat | SCA       |     | BM/ ITDM  |                                | CITO | ADL  |     |   |                                |   |   |   |   |     |   |   |   |   |      |   |     |  |  |
| 20 | 13 May | pESS                           | IAiM |   | aQA/ SDS | Rbt       |                                | IR/ aQAat | SCA       |     | BM/ ITDM  | QC (online)                    | CITO | ADL  |     |   |                                |   |   |   |   |     |   |   |   |   |      |   |     |  |  |
| 21 | 20 May | <b>Whit Monday</b>             |      |   |          |           |                                |           |           | SCA |           | BM                             |      | CITO | ADL |   |                                |   |   |   |   |     |   |   |   |   |      |   |     |  |  |
| 22 | 27 May | pESS                           | IAiM |   | SDS      | Rbt/ Cryp | Cryp                           |           |           |     |           |                                |      |      |     |   |                                |   |   |   |   |     |   |   |   |   |      |   |     |  |  |
| 23 | 03 Jun |                                |      |   | SDS      |           |                                |           |           |     |           |                                |      |      |     |   |                                |   |   |   |   |     |   |   |   |   |      |   |     |  |  |
| 24 | 10 Jun |                                |      |   |          |           |                                |           |           |     |           |                                |      |      |     |   |                                |   |   |   |   |     |   |   |   |   |      |   |     |  |  |
| 25 | 17 Jun |                                |      |   |          |           |                                |           |           |     |           |                                |      |      |     |   |                                |   |   |   |   |     |   |   |   |   |      |   |     |  |  |
| 26 | 24 Jun |                                |      |   |          |           |                                |           |           |     |           |                                |      |      |     |   |                                |   |   |   |   |     |   |   |   |   |      |   |     |  |  |
| 27 | 01 Jul |                                |      |   |          |           |                                |           |           |     |           |                                |      |      |     |   |                                |   |   |   |   |     |   |   |   |   |      |   |     |  |  |
| 28 | 08 Jul |                                |      |   |          |           |                                |           |           |     |           |                                |      |      |     |   |                                |   |   |   |   |     |   |   |   |   |      |   |     |  |  |
| 29 | 15 Jul |                                |      |   |          |           |                                |           |           |     |           |                                |      |      |     |   |                                |   |   |   |   |     |   |   |   |   |      |   |     |  |  |
| 30 | 22 Jul |                                |      |   |          |           |                                |           |           |     |           |                                |      |      |     |   |                                |   |   |   |   |     |   |   |   |   |      |   |     |  |  |
| 31 | 29 Jul |                                |      |   |          |           |                                |           |           |     |           |                                |      |      |     |   |                                |   |   |   |   |     |   |   |   |   |      |   |     |  |  |
| 32 | 05 Aug |                                |      |   |          |           |                                |           |           |     |           |                                |      |      |     |   |                                |   |   |   |   |     |   |   |   |   |      |   |     |  |  |
| 33 | 12 Aug | <b>Ei Cid Introduction</b>     |      |   |          |           | <b>Ei Cid Introduction</b>     |           |           |     |           | <b>Ei Cid Introduction</b>     |      |      |     |   | <b>Ei Cid Introduction</b>     |   |   |   |   |     |   |   |   |   |      |   |     |  |  |
| 34 | 19 Aug | <b>Orientation Week Leiden</b> |      |   |          |           | <b>Orientation Week Leiden</b> |           |           |     |           | <b>Orientation Week Leiden</b> |      |      |     |   | <b>Orientation Week Leiden</b> |   |   |   |   |     |   |   |   |   |      |   |     |  |  |
| 35 | 26 Aug |                                |      |   |          |           |                                |           |           |     |           |                                |      |      |     |   |                                |   |   |   |   |     |   |   |   |   |      |   |     |  |  |
| 36 | 02 Sep |                                |      |   |          |           |                                |           |           |     |           |                                |      |      |     |   |                                |   |   |   |   |     |   |   |   |   |      |   |     |  |  |

| Block | 1           |             | 2           |             | (B)reak | 3           |             | 4           |             | 5             |             |
|-------|-------------|-------------|-------------|-------------|---------|-------------|-------------|-------------|-------------|---------------|-------------|
|       | 09:00-10:45 |             | 11:00-12:45 |             |         | 13:15-15:00 |             | 15:15-17:00 |             | 17:15 - 19:00 |             |
| Hrs   | 09:00-9:45  | 10:00-10:45 | 11:00-11:45 | 12:00-12:45 |         | 13:15-14:00 | 14:15-15:00 | 15:15-16:00 | 16:15-17:00 | 17:15-18:00   | 18:15-19:00 |
|       | 1           | 2           | 3           | 4           |         | 5           | 6           | 7           | 8           | 9             | 10          |

| Summary   |                     |
|---|---------------------|
|   | Holiday; no classes |
|   | Exam                |
|   | Retake              |
| Class locations: see My Timetable (MTT)                     |                     |
| Exams and Retakes   |                     |
| *USC exam/retake locations: 09:00-12:00h or 13:00-16:00h    |                     |
| Faculty exam/retake locations: 09:00-12:00h or 13:15-16:15h |                     |
| Exam/retake locations: see My Timetable (MTT)               |                     |

| Abbr.             | Catalogue no. | Course title  | Lecturer                                |
|-------------------|---------------|---|---|
| Int <sup>CS</sup> | 4343OGACTH    | Introduction Master CS (mandatory for Feb 24-starters only)   | dr. M. van Leeuwen; mw J. Visser        |
| wCCC              | 4343OGACTH    | Workshop Cross-Cultural Communication (mandatory for Feb 24-starters only)                              | drs. A.C. Berendse                      |
| Tut               | n/a           | Tutoring & Mentoring  | Alexandra Blank                         |
| aQA/aQAat         | 4343APQAL     | Applied Quantum Algorithms  | dr. V. Dunjko                           |
| AC                | 4383ARTCR     | Artificial Creatures  | dr. P.W.H. van der Putten               |
| BM                | 4343BIOMD     | Bio-Modeling  | dr. L. Cao                              |
| Cco               | 4343CLCMP     | Cloud Computing   | dr. K.F.D. Rietveld                     |
| CITO/pCITO        | 4343CIMTO     | Computational Imaging and Tomography/practical Computational Imaging and Tomography                     | prof.dr. K.J. Batenburg & dr. D.M. Pelt |
| Cryp              | 4343CRYPE     | Cryptographic Engineering   | prof.dr.ir. N. Mentens                  |
| ED                | 4343EDTUC     | Educational Technologies  | prof.dr. M.M. Specht                    |
| ESS/pESS          | 4343EMBSS     | Embedded Systems and Software/practicum Embedded Systems and Software                                   | dr.ir. T.P. Stefanov                    |
| FST/pFST          | 4343FSWT6     | Foundations of Software Testing/practicum Foundations of Software Testing                               | prof.dr. M.M. Bonsangue                 |
| HPCII             | 4343HPC2X     | High Performance Computing II   | TBC                                     |
| IAiM/pIAiM        | 4343MMAV6     | Image Analysis with Applications in Microscopy/practicum Image Analysis with Applications in Microscopy | prof.dr.ir. F.J. Verbeek                |
| IR                | 4343INFRE     | Information Retrieval   | dr. S. Verberne; prof.dr.ir. W. Kraaij  |
| ITDM              | 4343ITDM6     | Information Theoretic Data Mining   | dr. M. van Leeuwen; Francesco Bariatti  |
| Mc <sup>2</sup>   | 4343MACLAH    | Master Class (mandatory for 2nd year)   | prof. dr. T.H.W. Bäck; dr. N. van Stein |
| GAiA/pGAiA        | 4343MGAIX     | Modern Game AI Algorithms/practical Modern Game AI Algorithms   | dr. M. Preuss                           |
| MoDa              | 4343MOADA     | Multicriteria Optimization and Decision Analysis  | dr. H. Wang; dr. Y. Fan                 |
| QC                | 4343QUCO3     | Quantum Computing (3 EC)  | dr. F. Neukart                          |
| RL/pRL            | 4343REINL     | Reinforcement Learning/practical Reinforcement Learning   | prof. dr. A. Plaat; Thomas Moerland     |
| Rbt               | 4343ROBO6     | Robotics  | dr. E.M. Bakker                         |
| ADL/pADL          | 4343SADL6     | Seminar Advances in Deep Learning   | dr. W. Kowalczyk; A. Bernatavicius MSC  |
| SCA               | 4343SCOMA     | Seminar Combinatorial Algorithms  | dr. W.A. Koster; dr. H.J. Hoogeboom     |
| SV/pSV            | 4343SWVER     | Software Verification/practical Software Verification   | dr. A.W. Laarman                        |
| SDS               | 4343SPDSC     | Sports Data Science   | dr. A.J. Knobbe                         |