## Schedule Master Data Science: Computer Science, 1st and 2nd year, Spring 2019-2020

### Schedule Overview

- **Updated:** 7-4-2020

### Course Schedule

**Abbreviations:**
- **IntCS:** Introduction Master CS - Feb starters (obligatory)
- **TPS:** Training Project Skills (extracurricular)
- **CP:** Competitive Programming
- **DLNN:** Deep Learning and Neural Networks/practicum
- **IAM:** Image Analysis with Applications in Microscopy
- **IRTA:** Information Retrieval and Text Analytics
- **Mc2:** Master Class (mandatory for 2nd years)
- **GAIa/pGAIa:** Modern Game AI Algorithms/practical
- **MmDa/MmDa/GAIa:** Multivariate and Multidimensional Data Analysis
- **MMIR:** Multimedia Information Retrieval
- **PoP:** Psychology of Programming
- **QC:** Quantum Computing (3 EC)
- **RL/pRL:** Reinforcement Learning/practicum Reinforcement Learning
- **SDDM:** Seminar Distributed Data Mining
- **UCwUC:** Urban Computing/workgroup session

**Course Titles:**
- **Modern Game AI Algorithms/practical**
- **Competitive Programming**
- **Deep Learning and Neural Networks/practicum**
- **Image Analysis with Applications in Microscopy**
- **Information Retrieval and Text Analytics**
- **Master Class (mandatory for 2nd years)**
- **Modern Game AI Algorithms/practical**
- **Multivariate and Multidimensional Data Analysis**
- **Multimedia Information Retrieval**
- **Psychology of Programming**
- **Quantum Computing (3 EC)**
- **Reinforcement Learning/practicum Reinforcement Learning**
- **Seminar Distributed Data Mining**
- **Urban Computing/workgroup session**

**Lecturers:**
- Prof. dr. ir. F.J. Verbeek
- Dr. F. Neukart
- Dr. M. Baratchi
- Dr. M. Preuss
- Dr. F.W. Takes
- Dr. M. Baratchi
- Dr. M. Preuss
- Dr. F. Neukart
- Dr. M. Baratchi
- Dr. M. Preuss
- Dr. F. Neukart
- Dr. M. Baratchi

### Additional Information

- **Exams and Retakes:** 10:15-13:45h or 14:15-17:45h (see class locations)
- **For Statistical Science courses, please also check statscience.nl and Blackboard for the most recent timetable and class locations**
- **Please note that DS:CS students need to follow the required Core Component Data Science (36 EC) - see Programme overview below**

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### Course Overview

**Course Details:**
- **DLNN/PDLNN 4343DLNN6:** Deep Learning and Neural Networks/practicum
- **GAIa/pGAIa 4343MGAIA:** Modern Game AI Algorithms/practical
- **IRTA 4343IRTA6:** Information Retrieval and Text Analytics
- **MmDa/GAIa 4343MMIRL:** Multimedia Information Retrieval
- **PoP 4343PSYPR:** Psychology of Programming
- **QC 4343QUCO3:** Quantum Computing (3 EC)
- **RL/pRL 4343REINL:** Reinforcement Learning/practicum Reinforcement Learning
- **SDDM 4343SDDM6:** Seminar Distributed Data Mining
- **UCwUC 4343UCRC6:** Urban Computing/workgroup session

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### Notes

- **Good Friday:** University Closed
- **Easter Monday:** University Closed
- **Ascension Day:** University Closed
- **Whit Monday:** University Closed
- **5 May:** Science Career Event

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### Exam Dates

**Exam Dates:**
- 07 Feb
- 21 Feb
- 06 Mar
- 13 Mar
- 20 Mar
- 27 Mar
- 03 Apr
- 10 Apr
- 17 Apr
- 24 Apr
- 01 May
- 08 May
- 15 May
- 22 May
- 29 May
- 05 Jun
- 12 Jun
- 19 Jun
- 06 Jul
- 13 Jul
- 20 Jul
- 27 Jul
- 03 Aug
- 10 Aug
- 17 Aug
- 24 Aug

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### Updated Schedule

**Updated Schedule:**
- Updated as of 7-4-2020

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### Additional Notes

- **Abbr. Catalogue no. Course title Lecturer**
- **Hrs**
- **Mmm**
- **D**
- **U**
- **C**
- **R**

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### Programme Overview

- **Exams and Retakes:** 10:15-13:45h or 14:15-17:45h (see class locations)
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- **Please note that DS:CS students need to follow the required Core Component Data Science (36 EC) - see Programme overview below**

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### Updated: 7-4-2020
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<th>Bioinformatics</th>
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**Legends**
- **Mandatory**
- **Recommended**
- **Elective**
- **Not applicable**

*Updated: 7-4-2020*