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

#### Block 1
- **Mo**: 09:15-11:00
- **Tu**: 11:15-13:00
- **We**: 12:15-13:00
- **Th**: 13:15-14:00
- **Fr**: 14:15-15:00

#### Block 2
- **Mo**: 15:15-16:00
- **Tu**: 16:15-17:00
- **We**: 17:15-18:00

#### Break
- **Mo**: 12:15-13:00
- **Tu**: 13:15-14:00
- **We**: 14:15-15:00
- **Th**: 15:15-16:00
- **Fr**: 16:15-17:00

#### Block 3
- **Mo**: 09:10-10:10
- **Tu**: 10:10-11:10
- **We**: 11:10-12:10
- **Th**: 12:10-13:10
- **Fr**: 13:10-14:10

#### Block 4
- **Mo**: 14:10-15:10
- **Tu**: 15:10-16:10
- **We**: 16:10-17:10
- **Th**: 17:10-18:10
- **Fr**: 18:10-19:10

#### Block 5
- **Mo**: 09:15-10:15
- **Tu**: 10:15-11:15
- **We**: 11:15-12:15
- **Th**: 12:15-13:15
- **Fr**: 13:15-14:15

#### Block 6
- **Mo**: 14:15-15:15
- **Tu**: 15:15-16:15
- **We**: 16:15-17:15
- **Th**: 17:15-18:15
- **Fr**: 18:15-19:15

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**Abbr.**
- IntCS: Introduction Master CS - Feb-starters (mandatory)
- TPS: Training Project Skills (extracurricular)
- AICG/AICM: Advances in Model Checking/practicum
- aQA/aQAt: Applied Quantum Algorithms/tutorial
- BM: Bio-Modeling
- CP: Competitive-Programming
- DLNN: Deep Learning and Neural Networks/practicum
- ESEC: Embedded Systems and Software
- HPC2: High Performance Computing II
- IAM: Image Analysis with Applications in Microscopy
- IRA: Information Retrieval and Text Analytics
- MC2: Master Class (mandatory for 2nd year)
- GAIa/GaAa: Modern Game AI Algorithms/practicum
- MIR: Multimedia Information Retrieval
- PoP: Psychology of Programming
- QC: Quantum Computing (3 EC)
- RL: Reinforcement Learning/practicum
- Rb: Robotics
- Sec: Secure Systems
- SCA: Seminar Combinatorial Algorithms
- SDGM: Seminar Distributed Data Mining
- UOxUC: Urban Computing/workgroup session

**Course title**
- Introduction Master CS - Feb-starters (mandatory)
- Training Project Skills (extracurricular)
- Advances in Model Checking/practicum
- Applied Quantum Algorithms/tutorial
- Bio-Modeling
- Competitive-Programming
- Deep Learning and Neural Networks/practicum
- Embedded Systems and Software
- High Performance Computing II
- Image Analysis with Applications in Microscopy
- Information Retrieval and Text Analytics
- Master Class (mandatory for 2nd year)
- Modern Game AI Algorithms/practicum
- Multimedia Information Retrieval
- Psychology of Programming
- Quantum Computing (3 EC)
- Reinforcement Learning/practicum
- Robotics
- Secure Systems
- Seminar Combinatorial Algorithms
- Seminar Distributed Data Mining
- Urban Computing/workgroup session

**Lecturer**
- dr. M. van Leeuwen; mw. J. Visser
- drs. A.C. Berendse
- dr. V. Dunko; T.E. O'Brien MSc
- prof. dr.ir. F.J. Verbeek; dr. L. Cao
- dr. F. Takes
- dr. T.P. Stefanov
- prof. dr.ir. H.A.G. Wijshoff
- prof. dr.ir. F.J. Verbeek
- prof. dr. W. Kraaij, dr. C. J. Veenman
- prof. dr. T.H.W. Bäck; dr. B. van Stein
- dr. M. Preuss
- dr. M.S. Lew
- dr. F.F. J. Herrmans
- dr. F. Neukart
- prof. dr. A. Plaat
- prof. dr.ir. F.J. Verbeek; dr. L. Cao
- dr. M. Preuss
- dr. M. Preuss
- dr. E. van der Kouwe
- dr. W. de Jong; dr. H.J. Hoogeboom
- dr. M. Baratchi

**Schedule notes**
- *not required, but interesting activities*
- *Class locations: see different schedule*

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**Schedule highlights**
- Orientation Week Leiden: 4 Mar: 4, 11, 18, 25
- Master Class (mandatory for 2nd year): 1 Mar: 3, 4, 5
- Intro CS: 4 Mar: 2, 3, 4
- Orientation Week Leiden: 11 Mar: 4, 7, 8, 9

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**Schedule legend**
- **Mo**: Monday
- **Tu**: Tuesday
- **We**: Wednesday
- **Th**: Thursday
- **Fr**: Friday

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**Events**
- Orientation Week Leiden
- Easter Monday
- King's Day
- Remembrance Day
- Liberation Day
- Easter Monday
- Science Career Event
- Sec
- Lunch
- PDP

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**Dates**
- **Mo**: Monday
- **Tu**: Tuesday
- **We**: Wednesday
- **Th**: Thursday
- **Fr**: Friday

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**Exams and Retakes**
- 10:15-13:45h or 14:15-17:45h (see class locations)

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**Programme overview**
- Please note that CS&A students need to choose one of four required Core Components (36 EC)
- Exams and Retakes: 10:15-13:45h or 14:15-17:45h (see class locations)

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**Updated**
- 7-4-2020
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**Legends:**
- Mandatory
- Recommended
- Elective
- Not applicable