### Master of Science in Artificial Intelligence

#### Study plan

**Start date**: 04 February 2019  
**Kick-off day**: 29 January 2019  
**End date**: 30 July 2020

<table>
<thead>
<tr>
<th>Term 1</th>
<th>Half term - S1a</th>
<th>Half term - S1b</th>
</tr>
</thead>
<tbody>
<tr>
<td>Kick-off day</td>
<td>01.02.2019</td>
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</tbody>
</table>
| Monday | On-the-job activities  
(Al Company Strategy and Project Definition) | On-the-job activities  
(Al Company Strategy and Project Definition) |
| Tuesday | Classroom-based  
M02 - 4 ECTS  
Data structure and algorithms for AI | Classroom-based  
M03 - 4 ECTS  
Signal processing |
| Wednesday | Classroom-based  
M01 - 2 ECTS  
Linear algebra and Probabilities | Classroom-based  
M04 - 4 ECTS  
Foundations in statistics for AI |
| Thursday | On-the-job activities  
(Al Company Strategy and Project Definition) | On-the-job activities  
(Al Company Strategy and Project Definition) |
| Friday | Classroom-based  
Evaluation test / hand-in | Classroom-based  
Evaluation test / hand-in |

<table>
<thead>
<tr>
<th>Term 2</th>
<th>Half term - S2a</th>
<th>Half term - S2b</th>
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<tbody>
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<td>Kick-off day</td>
<td>01.02.2019</td>
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</table>
| Monday | Classroom-based  
M05 - 2 ECTS  
Open Science and Ethics | On-the-job activities  
(Al Project development) |
| Tuesday | Classroom-based  
M06 - 4 ECTS  
Fundamentals Machine Learning 1 | Classroom-based  
M08 - 4 ECTS  
Fundamentals Machine Learning 2 |
| Wednesday | Classroom-based  
M07 - 4 ECTS  
Intro to Image Processing & Computer Vision | Classroom-based  
M09 - 4 ECTS  
Intro to Speech Processing |
| Thursday | On-the-job activities  
(Al Project development) | On-the-job activities  
(Al Project development) |
| Friday | Classroom-based  
Evaluation test / hand-in | Classroom-based  
Evaluation test / hand-in |

<table>
<thead>
<tr>
<th>Term 3</th>
<th>Half term - S3a</th>
<th>Half term - S3b</th>
</tr>
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<tr>
<td>Kick-off day</td>
<td>01.02.2019</td>
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</table>
| Monday | On-the-job activities  
(Al Project development) | A02 - 2 ECTS  
Multimodal computational sensing of people |
| Tuesday | Classroom-based  
M10 - 4 ECTS  
Deep Learning | Classroom-based  
A03 - 4 ECTS  
Natural Language Processing |
| Wednesday | Classroom-based  
A01 - 4 ECTS  
Biometrics | Classroom-based  
A04 - 4 ECTS  
Robotics |
| Thursday | On-the-job activities  
(Al Project development) | On-the-job activities  
(Al Project development) |
| Friday | Study break  
Workshop P02 31.01.2021 | Classroom-based  
Final presentation P02  |