The degree programme consists of 120 Credit Points (CP) in total:

| Computer Science Electives: | 72-84 CP |
| Studium Generale (General Education): | 6-18 CP |
| Thesis: | 30 CP |

The following overview is an abbreviated, easy-to-read version of the official course schedule in the examination regulations, to be found in the Satzungsbeilagen of TU Darmstadt:

<table>
<thead>
<tr>
<th>1st semester</th>
<th>2nd semester</th>
<th>3rd semester</th>
<th>4th semester</th>
</tr>
</thead>
</table>
| Foundations of Artificial Intelligence  
(18-30 CP) |             |             |             |
| AI Models and Methods  
(18-30 CP) |             |             |             |
| AI Systems  
(12-24 CP) |             |             |             |
| AI Domains and Applications  
(12-24 CP) |             |             |             |
| Seminars, Labs, Practical Labs in Teaching  
(12-24 CP) |             |             |             |
| Studium Generale (General Education)  
Languages; Humanities, Social Science, Economics & Business Administration; Environmental Studies, Engineering, Natural Sciences  
(6-18 CP) |             |             |             |
| Master Thesis  
(30 CP) |             |             |             |
Artificial Intelligence and Machine Learning
Master of Science

Language of tuition: English

Zentrale Studienberatung und -orientierung ZSB
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Zentrale Studienberatung und -orientierung ZSB

In this research-oriented Master of Science programme, students further develop their technical and interdisciplinary competencies in the area of artificial intelligence (AI). Building on a preceding computer science bachelor's programme, students qualify graduates for research and development work in basic research or in industry.