






# Autonome Systeme und Robotik (M.Sc.) - Effective 01 October 2023

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

Language of Tuition:  
GERMAN  
certificates required

<b>Compulsory Electives:</b>	<b>28-68 CP</b>	
<b>Electives:</b>	<b>0-40 CP</b>	
<b>Other Electives:</b>	<b>17-21 CP</b>	
<b>Studium Generale (General Education):</b>	<b>5-6 CP</b>	
<b>Thesis:</b>	<b>30 CP</b>	

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:

1st semester	2nd semester	3rd semester	4th semester
	<b>Compulsory Electives (28-68 CP):</b> Sense (6-46 CP) Act (10-50 CP) Plan (6-46 CP) Basis Technologies (6-46 CP)		<b>Master Thesis (30 CP)</b>
	<b>Electives (0-40 CP):</b> Sense (0-40 CP) Act (0-40 CP) Plan (0-40 CP) Basis Technologies (0-40 CP)		
	<b>Other Study-related Electives (17-21 CP):</b> Seminars (max. 2); Practical Labs in Teaching (max. 2); Practicals, Project Practicals and similar courses (min. 1)		
	<b>Studium Generale (5-6 CP):</b> Open Catalogue of TU Darmstadt (General Education)		

Study Programmes

[www.tu-darmstadt.de/studieren](http://www.tu-darmstadt.de/studieren)

Course Schedule

[www.tucan.tu-darmstadt.de](http://www.tucan.tu-darmstadt.de)

Application and Admission for international students  
(International Office)

[www.tu-darmstadt.de/international](http://www.tu-darmstadt.de/international)

Zentrale Studienberatung und -orientierung ZSB  
(Central Student Advisory and Orientation Office)

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Opening hours: [www.zsb.tu-darmstadt.de](http://www.zsb.tu-darmstadt.de)

## Imprint

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# Autonome Systeme und Robotik Master of Science



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## Brief Description

The degree programme Master of Science Autonome Systeme und Robotik with a stronger emphasis on research is almost unique in Germany and deepens the IT and engineering skills and mathematical-scientific knowledge acquired in the Bachelor's degree programme. This specialised Master's degree programme focuses on the fundamentals and applications of technical autonomous systems, such as intelligent robots, characterised by different sensor-based perception and actuator-based physical interaction skills. Their capabilities are based on a variety of methods from different disciplines (with computer science as the key area) that are implemented into complex high-performance software systems.

[www.informatik.tu-darmstadt.de](http://www.informatik.tu-darmstadt.de)

## Admission

For information on application deadlines please refer to

[www.tu-darmstadt.de/bewerbung](http://www.tu-darmstadt.de/bewerbung)

[www.tu-darmstadt.de/application](http://www.tu-darmstadt.de/application)