

# Mathematics (M.Sc.) - Effective 01 October 2018

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

Language of Tuition:  
ENGLISH  
certificates required

- Mandatory Subject Area:** 46 CP ■
- Elective Subject Area:** 31-36 CP ■
- Interdisciplinary Elective Area:** 3-8 CP ■
- Research/Thesis:** 35 CP ■

The following **module 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
<p><b>Advanced Courses in Mathematics</b> (choose two modules with 18 CP each)</p> <p>Areas of research are: Algebra, Analysis, Geometry and Approximation, Logic, Numerical Analysis, Optimisation <i>and</i> Stochastics</p>			<p><b>Master's Thesis</b> (30 CP)</p>
		<p>Seminars or Projects in Mathematics* (choose two with 5 CP each)</p>	
		<p>Research Project Preparation (5 CP)</p>	
<p><b>Additional Courses in Mathematics</b> (14-27 CP)</p> <p>Choice of modules from the Master's degree programme <i>and/or</i> from the Bachelor's degree programme (3rd year)</p>			
<p><b>Courses in a Minor or Further Courses in Mathematics</b> (9-22 CP)</p> <p>e.g. Computer Science, Entrepreneurship and Innovation; further options upon request</p>			
<p><b>Interdisciplinary Courses (3-8 CP)</b> including Interdisciplinary Electives (0-5 CP); Studium Generale (3-8 CP)</p>			

\* Choose two seminars or one seminar and one project from different areas of research.

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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For information on application deadlines please refer to  
[www.tu-darmstadt.de/international](http://www.tu-darmstadt.de/international)

Admission

# Mathematics Master of Science



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

The research-oriented Master of Science programme  
Mathematics is offered in three fields of study: Mathematics;  
Business Mathematics; Interdisciplinary Mathematics.  
Mathematical areas of specialisation are: Algebra; Analysis;  
Geometry and Approximation; Logic; Numerical Analysis;  
Optimization; Stochastics. Electives, Interdisciplinary Courses and  
General Studies complete the programme's profile and allow  
individual shaping of your research focus.

Brief Description