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

**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:

<table>
<thead>
<tr>
<th>1st semester</th>
<th>2nd semester</th>
<th>3rd semester</th>
<th>4th semester</th>
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</table>
| Advanced Courses in Mathematics  
(chose two modules with 18 CP each)  
Areas of research are:  
Algebra, Analysis, Geometry and Approximation, Logic, Numerical Analysis, Optimisation and Stochastics | Seminars or Projects in Mathematics*  
(chose two with 5 CP each) | Research Project Preparation  
(5 CP) | Master’s Thesis  
(30 CP) |
| Additional Courses in Mathematics  
(14-27 CP)  
Choice of modules from the Master’s degree programme and/or from the Bachelor’s degree programme (3rd year) | | | |
| Courses in a Minor or Further Courses in Mathematics  
(9-22 CP)  
e.g. Computer Science, Entrepreneurship and Innovation; further options upon request | | | |
| Interdisciplinary Courses (3-8 CP)  
including Interdisciplinary Electives (0-5 CP);  
Studium Generale (3-8 CP) | | | |

* Chose two seminars or one seminar and one project from different areas of research.
Mathematics
Master of Science


Mathematical areas of specialisation are: Algebra, Analysis, Geometry and Approximation, Logic, Numerical Analysis, Optimization, Probability and Stochastic, and Applied Mathematics. Elective courses and elements of general studies complete the programme’s profile and allow individual shaping of your research focus.

www.math.tu-darmstadt.de