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

**Compulsory Area:** 16 CP  
**Elective/Optional Subject Area:** 68 CP  
**Studium Generale:** 6 CP  
**Research/Thesis:** 30 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>
| **Nonlinear Finite Element Methods (FEM II)**  
(6 CP) | **Continuum Mechanics II**  
(6 CP) | | **Master Thesis**  
(30 CP) |
| | **Seminar Mechanics:**  
*(Choice of 1 out of 4 Modules)*  
(4 CP) | | |
| | **Electives A: Advanced Modules in Mechanics**  
(32 CP) | | |
| | **Electives B: Advanced Modules in Mathematics**  
(18 CP) | | |
| | **Engineering Specialisation Area**  
*(Choice of 2 Specialisation Areas)*  
(18 CP) | | |
| | **Studium Generale**  
*(Interdisciplinary Elective Area from the catalogue of TU Darmstadt)*  
(6 CP) | | |

Mechanics
Master of Science
Mechanik (M.Sc.)

The interdisciplinary Master of Science in Mechanics deepens and expands the mathematical and mechanical engineering skills as well as the application of methods of mechanics for solving scientific and engineering problems. The programme can be adjusted to the students' individual interests by choosing from the extensive mandatory subject area along the different fields.

www.mechanik.tu-darmstadt.de