






## Biomolecular Engineering (M.Sc.) (as per degree programme guidelines 01.10.2015)

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

▶ <b>Mandatory Subject Area:</b>	<b>18 CP</b>	
▶ <b>Elective Subject Area:</b>	<b>45 CP</b>	
▶ <b>Interdisciplinary Elective Area :</b>	<b>12 CP</b>	
▶ <b>Laboratory (Mandatory):</b>	<b>15 CP</b>	
▶ <b>Research/Thesis:</b>	<b>30 CP</b>	

**Language of Tuition:**  
**GERMAN**  
*certificates required*

This leads to the following *possible* semester course schedule:

1. Semester	2. Semester	3. Semester	4. Semester
	Elective Subject Module Biology (15 CP)	Biological and Chemical Focus (6 CP)	Master's Thesis (30 CP)
	Elective Subject Module Chemistry (15 CP)	Research Laboratory (15 CP)	
	Elective Subject Module Biology and Chemistry (15 CP)		
	Curricular Focus* (12 CP)		
	Biological Focus (6 CP)		
	Chemical Focus (6 CP)		

\* Students choose 12 CP from the catalogue of all modules at TU Darmstadt, from the catalogue „Studienprojekte“ and the modules Supervision Chemistry or Biology

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)

Karolinenplatz 5, 64289 Darmstadt  
Gebäude S1 | 01  
email [info@zsb.tu-darmstadt.de](mailto:info@zsb.tu-darmstadt.de)  
[www.zsb.tu-darmstadt.de](http://www.zsb.tu-darmstadt.de)

### Opening hours

Tuesday	10-12 a.m.	
Wednesday	2-4 p.m.	
Thursday	4-6 p.m.	and by arrangement

## Imprint

<b>Publisher</b>	President of TU Darmstadt
<b>Editorial office</b>	Zentrale Studienberatung und -orientierung ZSB

Design: DUBBEL SPÄTH, Darmstadt | Titelfoto: Gregor Schuster, Darmstadt | Stand 11. Oktober 2018

# Biomolecular Engineering Master of Science

Biomolecular Engineering – Molekulare Biotechnologie (M.Sc.)



## Brief Description

The Master of Science in Biomolecular Engineering or Mole-  
cular Biotechnology offers students the opportunity to target  
current issues of their own choosing in  
molecular biosciences and biochemistry. The programme  
conveys theoretical knowledge about chemical and biological  
processes at the molecular level and creates a technological  
platform for a targeted structuring of biologically active mole-  
cules and production/synthesis processes. This allows students  
to gain insight into how biological macro-molecules function  
and into how  
innovative products and processes are developed, leading  
from custom-made enzymes to biomolecular-based  
analytical methods and drugs.  
[www.chemie.tu-darmstadt.de](http://www.chemie.tu-darmstadt.de)

## Admission

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

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