

Module Advanced Soft Matter and Materials (6 CPs)

Elective courses available for selection in winter semester 2025/2026

To complete the module “Advanced Soft Matter and Materials”, please choose one of the elective courses offered by JGU Mainz or TU Darmstadt and register via JOGU-StiNe or TUCaN, respectively.

Elective Courses

JGU Mainz

M.09.032.22_640 Condensed Matter (6 CPs) *

provided it was not already taken as an elective in a previous winter semester

- 08.128.7012 Lecture “Introduction to Advanced Materials - From Soft Matter to Hard Matter”
- 09.032.22_805 Seminar

M.09.677.22_05a Biochemistry (6 CPs) *

provided it was not already taken as an elective in a previous winter semester

- 09.032.22_970 Lecture “Methods of Biochemistry” (6 LPs)
- 09.032.22_980 Seminar

M.09.032.22_630 Modern Methods of Physical Chemistry (6 CPs) **

- 09.032.22_610 Lecture „Modern Methods of Physical Chemistry”
- 09.032.22_615 Supporting exercise

M.09.032.22_650 Practical Course Modern Methods of Spectroscopy and Microscopy (6 CPs) **

- 09.032.22_630 Practical Course “Modern Methods of Spectroscopy and Microscopy”
- 09.032.22_635 Supporting seminar

M.09.032.22_600b Medical Polymers and Colloquium Lectures (6 CPs)

- 09.032.22_590 Lecture “Medically relevant polymers” **
- 09.032.22_601 Colloquium lectures
=> see “Institute colloquia and other relevant seminars”

TU Darmstadt

05-61-2220 Seminar Current Topics of Structure and Dynamics in Soft Matter (6 CPs) ***

All modules listed are held in English.

Institute colloquia and other relevant seminars

Attendance at colloquium lectures will be credited for module M.09.032.22_600b. Suitable lecture series are listed below. The lecture to be attended must be agreed upon in advance with one of the course coordinators in Mainz (Prof. Seiffert) or Darmstadt (Prof. von Klitzing). Each lecture must be summarized (approx. 1 page). If 5 summaries are submitted, 1 credit point will be credited. As the unit “09.032.22_601 Colloquium lectures” comprises 3 credit points, a total of 15 summaries must be submitted.

JGU Mainz

- Collaborative Research Centre (Sonderforschungsbereich, SFB) 1552 <https://sfb1552.de/all-events/>
- Research Training Group (Graduiertenkolleg, GRK) 2516 <https://grk2516.uni-mainz.de/seminars/>
- Collaborative Research Centre Transregio (TRR) 146 <https://trr146.uni-mainz.de/seminars/>
- Colloquia of the Department of Chemistry: You will be informed by email about upcoming events

TU Darmstadt

- Please contact Dr. Regine Angert, studienbuero@physik.tu-darmstadt.de

Max Planck Institute for Polymer Research

- <https://www.mpip-mainz.mpg.de/en/events>

Course descriptions

* https://studienbuero.chemie.uni-mainz.de/files/2023/09/Modulhandbuch_MSc_Soft_Matter_EN_230606.pdf

** https://studyoffice.chemistry.uni-mainz.de/files/2025/04/MSc_Chemie_MH_E_250403.pdf

*** see [TUCaN](#)