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**Modulbezeichnung:** Physical Chemistry (CM-PC) 10 ECTS  
(Physical Chemistry)

Modulverantwortliche/r: Dirk M. Guldi

Lehrende: Jörg Libuda, Carola Kryschi, Thomas Drewello

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Startsemester: SS 2022

Dauer: 2 Semester

Turnus: halbjährlich (WS+SS)

Präsenzzeit: 90 Std.

Eigenstudium: 210 Std.

Sprache: Englisch

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### Lehrveranstaltungen:

Physical Chemistry (SS 2022, Vorlesung mit Übung, 3 SWS, Thomas Drewello et al.)

Physical Chemistry (WS 2022/2023, Vorlesung mit Übung, 3 SWS, Jörg Libuda)

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### Inhalt:

- introduction to the current topics of research in the field of physical chemistry
- developing the basics of physical chemistry at the level of a scientifically oriented Master's program
- deepening of knowledge in the specialized field of the lecturers involved in this module to the limit of current knowledge

### Lernziele und Kompetenzen:

Students

- apply fundamental knowledge of physical chemistry to particular topics in research
  - develop model-like descriptions for complex physicochemical systems and model experimental data
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### Studien-/Prüfungsleistungen:

Physical Chemistry (Prüfungsnummer: 65051)

Prüfungsleistung, mündliche Prüfung, Dauer (in Minuten): 30

Anteil an der Berechnung der Modulnote: 100%

weitere Erläuterungen:

O30(PL): Oral examination (30 min) or alternative examination according FAU Corona Statutes!

Prüfungssprache: Englisch

Erstablingung: WS 2022/2023, 1. Wdh.: SS 2023

1. Prüfer: CM-PC (N70012)

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### Organisatorisches:

Please note:

- Students have to register for module examination (check registration periods on meinCampus)!
- More information via studon!

### Bemerkungen:

Module compatibility:

- Lecture module within the **Core module** „Physical Chemistry“ in M. Sc. Chemistry (students of M.Sc. Chemistry have to choose 2 Core Modules out of 4: Inorganic, Organic, Physical and Quantum Chemistry)
- Lecture module within the **Compulsory Elective Module** in M.Sc. Chemistry (if not chosen as Core module) or M. Sc. Molecular Science