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

Modulverantwortliche/r: Dirk Guldi

Lehrende: Thomas Drewello, Carola Krysch, Jörg Libuda

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|-----------------------------|------------------------|------------------------------|
| Startsemester: WS 2020/2021 | Dauer: 2 Semester | Turnus: halbjährlich (WS+SS) |
| Präsenzzeit: 90 Std. | Eigenstudium: 210 Std. | Sprache: Englisch |

Lehrveranstaltungen:

Physical Chemistry (WS 2020/2021, Vorlesung mit Übung, 3 SWS, Jörg Libuda)

Physical Chemistry (SS 2021, Vorlesung mit Übung, 3 SWS, Thomas Drewello et al.)

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

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: SS 2021, 1. Wdh.: WS 2021/2022

1. Prüfer: Jörg Libuda

Organisatorisches:

Physical Chemistry (CM-PC) will be taught online (synchronous) -

please note: students have to register for the module (check registration periods)!

More information via studon!

Bemerkungen:

Students of M.Sc. Chemistry have to choose 2 Core Modules out of 4 (Inorganic, Organic, Physical and Quantum chemistry).

Please note: If you choose the **Core Module Physical Chemistry**, you have to take the module **Physical Chemistry laboratory (CM-PC-Lab)**, too!

Physical Chemistry can be taken either as Core Module or as Compulsory Elective Module.