

Modulbezeichnung: Physical chemistry (CS-PC) **15 ECTS**
(Physical chemistry)

Modulverantwortliche/r: Hans-Peter Steinrück

Lehrende: Andreas Bayer, u.a., Hans-Peter Steinrück

Startsemester: SS 2020

Dauer: 1 Semester

Turnus: halbjährlich (WS+SS)

Präsenzzeit: 195 Std.

Eigenstudium: 255 Std.

Sprache: Englisch

Lehrveranstaltungen:

Research project in Physical Chemistry, lasting 6 weeks (ca. 15 SWS/LAB) full time in a work group of the student's choice at a research group in Physical Chemistry at the Department of Chemistry and Pharmacy.

Attendance of Lab Course is compulsory!

Specialisation module PC (SS 2020, Praktikum, 15 SWS, Hans-Peter Steinrück et al.)

Es wird empfohlen, folgende Module zu absolvieren, bevor dieses Modul belegt wird:

Physical chemistry

Inhalt:

- introduction to the current issues of research in the field of Physical Chemistry
- integration in research group and instruction in scientific work
- familiarisation in fundamental concepts within a special subject of Physical Chemistry - to the limits of science
- finding answers to open questions in research project by means of experimental work

Lernziele und Kompetenzen:

Students

- apply and transfer knowledge acquired during their studies to handle and solve open questions in research project
- interpret experimental data independently
- compare and evaluate results with literature data
- illustrate data in meaningful graphs
- present and discuss scientific results referring to literature in verbal and written form

Studien-/Prüfungsleistungen:

Protokoll Physikalische Chemie (Prüfungsnummer: 66901)

(englische Bezeichnung: Notes: Physical Chemistry)

Prüfungsleistung, Protokollheft

Anteil an der Berechnung der Modulnote: 100%

weitere Erläuterungen:

Assessment and Examinations: LAB (PL),

Calculation of the grade for the module: 100% final grade of the written report

Prüfungssprache: Englisch

Erstablesung: SS 2020, 1. Wdh.: WS 2020/2021

1. Prüfer: Hans-Peter Steinrück

Organisatorisches:

Frequency of offer: continuously,

intended stage in the degree course: Semester 2 - 3