

Modulbezeichnung: Inorganic chemistry (CS-IC) 15 ECTS
(Inorganic chemistry)

Modulverantwortliche/r: Karsten Meyer

Lehrende: Die Dozenten der Anorg. Chemie

Startsemester: SS 2020

Dauer: 1 semester

Turnus: halbjährlich (WS+SS)

Präsenzzeit: 195 Std.

Eigenstudium: 255 Std.

Sprache: Englisch

Lehrveranstaltungen:

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

(Attendance in lab course is compulsory!)

Specialisation module IC (SS 2020, Praktikum, Die Dozenten der Anorg. Chemie)

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

Inorganic chemistry

Inhalt:

- practical laboratory experience aiming at introducing students to current and state of the art inorganic research topics
- work experience in a team of researchers
- establishing fundamental knowledge required for addressing individual molecular research problems at a state of the art level
- independent and self-driven approach to problem solving in an assigned research project

Lernziele und Kompetenzen:

The students

- apply acquired fundamental knowledge and practical skills to an individual research problem that they work on independently
- manage and apply the fundamental safety regulations important to handling hazardous compounds and instruct other coworkers in relevant safety topics
- rank their own research results in the context of current literature and research papers in the field and record their results in appropriate scientific writing and documentation style
- give oral and written presentations of the results and acquired knowledge in an appropriate scientific style in English language

Verwendbarkeit des Moduls / Einpassung in den Musterstudienplan:

Das Modul ist im Kontext der folgenden Studienfächer/Vertiefungsrichtungen verwendbar:

[1] Chemie (Master of Science): ab 3. Semester

(Po-Vers. 2009 | NatFak | Chemie (Master of Science) | Vertiefungsmodul | Anorganische Chemie)

Studien-/Prüfungsleistungen:

Protokoll Anorg. Chemie (Prüfungsnummer: 66701)

(englische Bezeichnung: Notes: Inorganic Chemistry)

Prüfungsleistung, Protokollheft

Anteil an der Berechnung der Modulnote: 100%

weitere Erläuterungen:

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: Karsten Meyer