

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

Modulverantwortliche/r: Karsten Meyer

Lehrende: u.a., Karsten Meyer, Jörg Sutter

Startsemester: WS 2019/2020 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 (WS 2019/2020, Praktikum, 15 SWS, 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: WS 2019/2020, 1. Wdh.: keine Angabe

1. Prüfer: Karsten Meyer