Modulbezeichnung:	**Inorganic chemistry (CS-IC)** (Inorganic chemistry)	**15 ECTS**
Modulverantwortliche/r:	Karsten Meyer	
Lehrende:	Die Dozenten der Anorg. Chemie	

Startsemester: WS 2017/2018	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 2017/2018, Praktikum, 15 SWS, Die Dozenten der Anorg. Chemie)

Empfohlene Voraussetzungen:

- Erfolgreicher Abschluss des Moduls CM1-IC

Successfully passed mandatory module CM1-IC

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:

Assessment and examinations: LAB (PL)

Calculation of the grade for the module: Final grade of the written report

Prüfungssprache: Englisch

Erstablegung: WS 2017/2018, 1. Wdh.: keine Angabe

1. Prüfer: Karsten Meyer