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

Modulverantwortliche/r: Karsten Meyer

Lehrende: Die Dozenten der Anorg. Chemie

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|-----------------------------|------------------------|------------------------------|
| Startsemester: WS 2016/2017 | Dauer: 1 Semester      | Turnus: halbjährlich (WS+SS) |
| Präsenzzeit: 195 Std.       | Eigenstudium: 255 Std. | Sprache: Englisch            |

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**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 2016/2017, Praktikum, 15 SWS, Die Dozenten der Anorg. Chemie)

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**Empfohlene Voraussetzungen:**

Successfully passed mandatory module CM1-IC

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**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
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**Verwendbarkeit des Moduls / Einpassung in den Musterstudienplan:**

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

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

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

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**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

Erstabelleung: WS 2016/2017, 1. Wdh.: keine Angabe

1. Prüfer: Karsten Meyer

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