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**Modulbezeichnung:** **Advanced Bio-Organic and Bio-Inorganic Chemistry (BioIOC-1)** **5 ECTS**  
 (Advanced Bio-Organic and Bio-Inorganic Chemistry)

Modulverantwortliche/r: Nicolai Burzlaff  
 Lehrende: Norbert Jux, Nicolai Burzlaff

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Startsemester: WS 2021/2022	Dauer: 1 Semester	Turnus: jährlich (WS)
Präsenzzeit: 45 Std.	Eigenstudium: 105 Std.	Sprache: Englisch

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**Lehrveranstaltungen:**

Advanced Bioinorganic Chemistry, Metalloenzymes and Metals in Medicine (WS 2021/2022, Vorlesung mit Übung, 3 SWS, Nicolai Burzlaff et al.)  
 Seminar Advanced Bioinorganic Chemistry, Metalloenzymes and Metals in Medicine (WS 2021/2022, Seminar, 1 SWS, Nicolai Burzlaff et al.)

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**Inhalt:**

The students

- are introduced into recent activities and achievements in the fields of bioorganic and bioinorganic chemistry and metals in medicine

**Lernziele und Kompetenzen:**

The students

- are introduced into recent activities and achievements in the fields of bioorganic and bioinorganic chemistry and metals in medicine

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

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

**[1] Chemistry (Master of Science): ab 1. Semester**

(Po-Vers. 2020w | NatFak | Chemistry (Master of Science) | Ergänzende Wahlpflichtmodule | Advances in Bio-Organic and Bio-Inorganic Chemistry | Advanced Bio-Organic and Bio-Inorganic Chemistry)

**[2] Chemistry (Master of Science): ab 1. Semester**

(Po-Vers. 2020w | NatFak | Chemistry (Master of Science) | Wahlmodule | Advanced Bio-Organic and Bio-Inorganic Chemistry)

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

(Po-Vers. 2020w | NatFak | Molecular Science (Master of Science) | Compulsory elective module | Advances in Bio-Organic and Bio-Inorganic Chemistry | Advanced Bio-Organic and Bio-Inorganic Chemistry)

**[4] Molecular Science (Master of Science): ab 1. Semester**

(Po-Vers. 2020w | NatFak | Molecular Science (Master of Science) | Elective modules | Advanced Bio-Organic and Bio-Inorganic Chemistry)

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**Studien-/Prüfungsleistungen:**

Advanced Bio-Organic and Bio-Inorganic Chemistry (Prüfungsnummer: 65111)

Prüfungsleistung, mündliche Prüfung, Dauer (in Minuten): 20

Anteil an der Berechnung der Modulnote: 100%

weitere Erläuterungen:

O20 (PL): Oral examination (20 minutes) or alternative examination according FAU Corona Statutes!

Prüfungssprache: Englisch

Erstablingung: WS 2021/2022, 1. Wdh.: WS 2021/2022

1. Prüfer: Bio-Organic and -Inorganic Chem-1 (N70005)

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**Organisatorisches:**

Please note:

- Students have to register for the module (check registration periods)!
- Registration/further information via StudOn!

**Bemerkungen:**

Please note: The Compulsory Elective Module "**Advances in Bioorganic and Bioinorganic Chemistry**" can only be taken as a whole!

Module compatibility:

- Lecture module within the **Compulsory elective module** "Advances in Bioorganic and Bioinorganic Chemistry" in M.Sc. Chemistry or M. Sc. Molecular Science (20 ECTS in total)
- Lecture module as part of the **Elective Module** in M.Sc. Chemistry or M. Sc. Molecular Science (5 ECTS, not graded)