**Module title**  
Introduction to Complex Analysis for Mathematical Physics

**Abbreviation**  
10-M-FTHP-152-m01

**Module coordinator**  
Dean of Studies Mathematik (Mathematics)

**Module offered by**  
Institute of Mathematics

**ECTS** | **Method of grading** | **Only after succ. compl. of module(s)**
---|---|---
10 | numerical grade | --

**Duration** | **Module level** | **Other prerequisites**
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1 semester | undergraduate | --

**Contents**


**Intended learning outcomes**

The student is acquainted with the fundamental concepts and methods in complex analysis. He/she is able to apply these methods to practical problems.

**Courses** (type, number of weekly contact hours, language — if other than German)

V (4) + Ü (2)

**Method of assessment** (type, scope, language — if other than German, examination offered — if not every semester, information on whether module is creditable for bonus)

a) oral examination of one candidate each (15 to 30 minutes) or b) oral examination in groups of 2 candidates (10 to 15 minutes each)

Assessment will have reference to a topic in pure mathematics as agreed upon with the examiner. Each topic may only be selected as the subject of one examination in the sub-field Gesamtüberblick Mathematische Methoden (Overview Mathematical Methods) or in module group Ergänzung Mathematik (Supplementary Topics in Mathematics).

Language of assessment: German and/or English creditable for bonus

**Allocation of places**

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**Additional information**

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**Referred to in LPO I** (examination regulations for teaching-degree programmes)

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**Module appears in**

Bachelor’ degree (1 major) Mathematical Physics (2015)
Bachelor’ degree (1 major) Mathematical Physics (2016)