Module title			Abbreviation
Exam Tutorial Complex Analysis (virtual course)			10-M-VHBFT-191-m01
Module coordinator		**Module offered by**	
Dean of Studies Mathematik (Mathematics)		Institute of Mathematics	
ECTS	**Method of grading**	**Only after succ. compl. of module(s)**	
3	(not) successfully completed	--	
Duration	**Module level**	**Other prerequisites**	
1 semester	undergraduate	--	

Contents

The exam course complex analysis covers the central topics in complex analysis with respect to their relevance for the Bavarian state examination for the teaching degree Gymnasium. A particular focus is given to interrelations with reel analysis and geometry. The topics are supplemented and illustrated by selected examples and exercises from exams of previous years in varying degrees of difficulty.

Intended learning outcomes

The student for the teaching degree for German Gymnasium knows and understands the central concepts and the respective methods of proof in complex analysis and is able to apply them in different contexts. The course shows the level of difficulty in the Bavarian state examination.

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

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

project (web-based, 30 to 40 hours)
Assessment offered: Once a year, winter semester
Other: E-Learning, Vhb

Allocation of places

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Additional information

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Workload

90 h

Teaching cycle

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

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Module appears in

First state examination for the teaching degree Gymnasium Mathematics (2019)
First state examination for the teaching degree Gymnasium Mathematics (2023)
Teaching degree Gymnasium Erweiterung Mathematics (2023)