### Module title
Overview Differential Equations and Complex Analysis for Teaching Degree (German Gymnasium)

### Abbreviation
10-M-DFL-Ü-152-m01

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

### Module offered by
Institute of Mathematics

### ECTS
10

### Method of grading
numerical grade

### Only after succ. compl. of module(s)

### Duration
1 semester

### Module level
undergraduate

### Other prerequisites

### Contents

### Intended learning outcomes
The student is acquainted with fundamental concepts and methods in complex analysis and the theory of ordinary differential equations. He/She is able to relate these concepts with one another, and realises the advantages of thinking across the borders of different branches in mathematics.

### Courses
(V (4) + Ü (2))

### Method of assessment
oral examination of one candidate each (20 to 40 minutes)
Assessment will have reference to the contents of modules 10-M-DGLL and 10-M-FTHL.
Language of assessment: German and/or English

### Allocation of places
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### Additional information
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### Referred to in LPO I
(examination regulations for teaching-degree programmes)
§ 73 I Nr. 1

### Module appears in
First state examination for the teaching degree Gymnasium Mathematics (2015)