**Module title**  
Research in Groups - Complex Analysis

**Abbreviation**  
10-M=GCOAin-152-m01

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

**Module offered by**  
Institute of Mathematics

<table>
<thead>
<tr>
<th>ECTS</th>
<th>Method of grading</th>
<th>Only after succ. compl. of module(s)</th>
</tr>
</thead>
<tbody>
<tr>
<td>10</td>
<td>numerical grade</td>
<td>--</td>
</tr>
</tbody>
</table>

**Duration**  
1 semester  

**Module level**  
graduate  

**Other prerequisites**  
--

**Contents**

Selected modern topics in complex analysis (e.g. in approximation theory, potential theory, complex dynamics, geometric complex analysis, value distribution theory).

**Intended learning outcomes**

The student gains insight into contemporary research problems in complex analysis. He/She masters advanced techniques in this field and can apply them to complex problems.

**Courses**

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

V (2) + S (2)  
Module taught in: English

**Method of assessment**

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

talk (60 to 120 minutes)  
Assessment offered: In the semester in which the course is offered and in the subsequent semester  
Language of assessment: English

**Allocation of places**  
--

**Additional information**  
--

**Referred to in LPO I**

(examination regulations for teaching-degree programmes)

--

**Module appears in**

Master's degree (1 major) Mathematics International (2015)