## Module description

<table>
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<th>Module title</th>
<th>Abbreviation</th>
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<tr>
<td>Experimental Physics 3 (Optics, Quantum Phenomena, Introduction Atomic Physics)</td>
<td>11-E3-072-m01</td>
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**Module coordinator**
Managing Director of the Institute of Applied Physics

**Module offered by**
Faculty of Physics and Astronomy

<table>
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<tr>
<th>ECTS</th>
<th>Method of grading</th>
<th>Duration</th>
<th>Module level</th>
<th>Other prerequisites</th>
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<tr>
<td>8</td>
<td>numerical grade</td>
<td>1 semester</td>
<td>undergraduate</td>
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**Contents**
Physical laws of optics, quantum phenomena, introduction to Atomic Physics.

**Intended learning outcomes**
The students have knowledge of the basic contexts and principles of optics, quantum phenomena and Atomic Physics.

**Courses**
V + Ü (no information on SWS (weekly contact hours) and course language available)

**Method of assessment**
written examination (approx. 120 minutes)

**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) Mathematics (2008)
- Bachelor' degree (1 major) Mathematics (2007)
- Bachelor' degree (1 major) Physics (2007)
- Bachelor' degree (1 major) Physics (2009)
- Bachelor' degree (1 major) Physics (2008)
- Bachelor' degree (1 major) Nanostructure Technology (2008)
- Bachelor' degree (1 major) Nanostructure Technology (2007)
- Bachelor' degree (1 major) Computational Mathematics (2009)
- Bachelor's degree (1 major, 1 minor) Physics (Minor, 2008)