DOCTORAL STUDIES COURSE UNIT DESCRIPTION

<table>
<thead>
<tr>
<th>Subject</th>
<th>Scientific Field</th>
<th>Faculty</th>
<th>Center/Institute/Department</th>
</tr>
</thead>
<tbody>
<tr>
<td>Theoretical atomic spectroscopy</td>
<td>Physics N 002</td>
<td>Faculty of physics</td>
<td>Institute of Theoretical Physics and Astronomy</td>
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</tbody>
</table>

Student’s workload

<table>
<thead>
<tr>
<th>Lectures</th>
<th>Credits</th>
<th>Consultations</th>
<th>Credits</th>
<th>Seminars</th>
<th>Credits</th>
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<tbody>
<tr>
<td>Individual study</td>
<td>4,5</td>
<td></td>
<td></td>
<td></td>
<td>1,5</td>
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</tbody>
</table>

Course annotation


List of literature


<table>
<thead>
<tr>
<th>Consulting teachers</th>
<th>Scientific degree</th>
<th>Pedagogical name</th>
<th>Main scientific works published in a scientific field in last 5 year period</th>
</tr>
</thead>
</table>
10. S. Kučas, A Kynienė, Š. Masys, V.
<table>
<thead>
<tr>
<th>Jonauskas, Multiple photoionization cross sections for Fe2+ K shell, Astronomy &amp; Astrophysics 643, A46 (2020). DOI: 10.1051/0004-6361/202038762</th>
</tr>
</thead>
<tbody>
<tr>
<td>Certified during Doctoral Committee session 30/03/2021, protocol No. 120000-KT-39</td>
</tr>
<tr>
<td>Committee Chairman prof. S. Juršėnas</td>
</tr>
</tbody>
</table>