Optional courses

- Students following the master in Physics may choose any optional course in list A and B
- Students following the master in Applied Physics choose at least 19 ECTS in list B-Engineering

Possible 30 ECTS Minor instead of the internship or the specialization project:

- Biomedical Technologies
- Computational Science and Engineering
- Energy
- Management, Technology and Entrepreneurship
- Science, Technology and Area Studies
- Space Technologies

Projects

<table>
<thead>
<tr>
<th>Projects</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>2 Physics Research projects (labs IVa and IVb)</td>
<td>16</td>
</tr>
<tr>
<td>Project in human and social sciences</td>
<td>6</td>
</tr>
</tbody>
</table>

Research projects in the following fields:

- Astrophysics
- Biophysics
- Crystallography & Diffraction
- Electronic microscopy
- Electronic and quantum photonics
- High energy physics
- Condensed matter physics
- Accelerator physics
- Reactor physics
- Plasma Physics
- Surface physics
- Theoretical physics

Internship/ Specialization project

<table>
<thead>
<tr>
<th>Internship/ Specialization project</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>Master in Physics: Specialization project</td>
<td>30</td>
</tr>
<tr>
<td>Master in Applied Physics: Internship in industry</td>
<td>30</td>
</tr>
</tbody>
</table>