<table>
<thead>
<tr>
<th>QUARTER 1</th>
<th>QUARTER 2</th>
<th>QUARTER 3</th>
<th>QUARTER 4</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>COURSE 1</strong></td>
<td><strong>COURSE 2</strong></td>
<td><strong>COURSE 3</strong></td>
<td><strong>COURSE 1</strong></td>
</tr>
<tr>
<td>2WCBØ</td>
<td>3A1XØ</td>
<td>3AKXØ</td>
<td>3A1XØ</td>
</tr>
<tr>
<td>Calculus</td>
<td>Experimental physics 1</td>
<td>Variables, dimensions, and dynamics</td>
<td></td>
</tr>
</tbody>
</table>
## Bachelor Program: Applied Physics Cohort 2015

<table>
<thead>
<tr>
<th>Year</th>
<th>Quarter 1</th>
<th>Quarter 2</th>
<th>Quarter 3</th>
<th>Quarter 4</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Engineering design</td>
<td>Optics</td>
<td>Introduction quantum physics</td>
<td>Thermal physics</td>
</tr>
<tr>
<td>Course 1</td>
<td>4WBBØ</td>
<td>3BOXØ</td>
<td>3BQXØ</td>
<td>3BTXØ</td>
</tr>
<tr>
<td>Course 2</td>
<td>Advanced calculus</td>
<td>Elements of mathematical physics</td>
<td>OGO signals and systems</td>
<td>Experimental physics 3</td>
</tr>
<tr>
<td>Course 3</td>
<td>Elective/USE</td>
<td>Elective/USE</td>
<td>Elective/USE</td>
<td>Elective/USE</td>
</tr>
</tbody>
</table>

**Basic Courses**
- 4WBBØ: Engineering design
- 3BOXØ: Optics
- 3BQXØ: Introduction quantum physics
- 3BTXØ: Thermal physics

**Mathematics Courses**
- 2DBN1Ø: Advanced calculus
- 3BMXØ: Elements of mathematical physics
- 3BYXØ: OGO signals and systems

**Physics Courses**
- 3B3XØ: Experimental physics 3

**Elective/USE**
- Elective/USE

**Electives/USE (User, Society, Enterprise)**
- Elective/USE

**Major Applied Physics: 95 ECTS**
- (incl. professional skills)

Each course covers 5 ECTS
Bachelor Program: Applied Physics Cohort 2015

COURSE 1
- Physics of transport phenomena (ECTS 3)
- Condensed matter (ECTS 3)
- Elective/USE

COURSE 2
- Applied quantum physics (ECTS 3)
- Physics in perspective (ECTS 3)
- Elective/USE
- Final bachelor project (ECTS 3)

COURSE 3
- Elective/USE
- Elective/USE
- Elective/USE
- Final bachelor project (ECTS 3)

Basic courses: 95 ECTS (incl. professional skills)
Half of the Final bachelor project can be exchanged with an elective in quarter 3.