

## Our Physics track

- Students can write their thesis (30 C) in all fields of study SP 1, SP 2, SP 3 or SP 4 and have to choose physics as their minor subject ([see here](#)).
- 60 C modules from mathematics have to be passed according to these regulations:

| SP 1 and SP 2  | SP 3 and SP 4   | Choose modules to fill up to 60 C  |
|--|---|--|
| <p>At least 12 C from the following cycles, including at least one (Ober-) seminar:</p> <ul style="list-style-type: none"> <li>- Mathematical methods in physics</li> <li>- Analysis of partial differential equations</li> <li>- Differential geometry</li> <li>- Algebraic topology</li> <li>- Non-commutative geometry</li> <li>- Groups, geometry and dynamical systems</li> </ul> | <p>At least 12 C of SP 3 or SP 4, thereof at least one seminar or Oberseminar module covering at least 3 C.</p> | <p>To fill up to 60 C you can choose from:</p> <ul style="list-style-type: none"> <li>- modules from SP 1-4</li> <li>- up to 12 C from the minor subject physics, (<a href="#">see here.</a>)</li> </ul> |

- 18 C from the minor subject physics, see here
- 12 C in key competencies have to be chosen:
  - Thereof at least one key competencies module of the Faculty of Physics OR one key competencies module of the mathematics