

## General research-oriented track ("F-Profil") in the Master's programme in mathematics

Structure:

120 C in 4 semesters, so about 30 C per semester, thereof			
60 C Mathematics modules	18 C Minor subject modules	12 C Key competencies modules	30 C Master's thesis in the 4th semester

*Possible areas of concentration:*

The area in which the Master's thesis is written is called the area of concentration. It is not bindingly fixed before the registration of the Master's thesis.

SP 1: Analysis, geometry, topology	SP 2: Algebra, geometry, number theory	SP 3: Numerical and Applied mathematics	SP 4: Mathematical stochastics
Overview of SP 1: <a href="http://www.uni-goettingen.de/en/489174.html">http://www.uni-goettingen.de/en/489174.html</a>	Overview of SP 2: <a href="http://www.uni-goettingen.de/en/489176.html">http://www.uni-goettingen.de/en/489176.html</a>	Overview of SP 3: <a href="http://www.uni-goettingen.de/en/489178.html">http://www.uni-goettingen.de/en/489178.html</a>	Overview of SP 4: <a href="http://www.uni-goettingen.de/en/489179.html">http://www.uni-goettingen.de/en/489179.html</a>

*Regulations for the modules that have to be chosen:*

### **60 C Mathematics modules:**

As possible, students of the Master's programme in mathematics should cover all four areas of concentration, therefore the following rules depending on the chosen area (in which students normally can take as many courses as they like) hold:

- 12 C of SP 1 or SP 2, thereof at least a seminar or oberseminar module covering at least 3 C. If one of the two areas is the chosen area of concentration, at least 6 C of the modules of the other area have to be acquired.
- 12 C of SP3 or SP 4, thereof at least a seminar or oberseminar module covering at least 3 C. If one of those two areas is the chosen area of concentration, at least 6 C of the modules of the other area have to be acquired.
- The remaining 36 C can be chosen freely from all Master mathematics modules.

### **18 C Minor subject modules**

One of these minor subjects has to be chosen: <http://www.uni-goettingen.de/en/487756.html>

### **12 C Key competencies modules**

- At least one of the key competencies modules of the offer of mathematics has to be completed successfully: <http://www.uni-goettingen.de/en/485031.html>
- If the modules of the first item do not reach 12 C, you additionally have to chose from the following modules: [www.uni-goettingen.de/en/192579.html](http://www.uni-goettingen.de/en/192579.html)