

## Track business mathematics ("W-Profil") in the Master's programme in mathematics

**IMPORTANT NOTE:** We plan not to offer the track "Economathematics" from wintersemester 2022/23 on.

120 C in 4 semesters, so about 30 C per semester, thereof			
60 C	14 C	16 C	30 C
Mathematics modules	Minor subject modules	Key competencies modules	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 3: Numerical and Applied mathematics	SP 4: Mathematical stochastics
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:**

- M.Mat.3130: Operations Research (9 C)
- further 9 C of SP 3
- M.Mat.3140: Mathematical statistics (9 C)
- further 9 C of SP 4
- 3 C for a seminar or oberseminar module of the chosen area
- One of the two mathematical practical courses:
  - o M.Mat.0731: Advanced Practical Course in Scientific Computing (10 C)
  - o M.Mat.0741: Advanced Practical Course in Stochastics (10 C)
- One of these computer science modules:  
<https://univz.uni-goettingen.de/qisserver/rds?state=modulBeschrGast&moduleParameter=modDescr&struct=auswahlBaum&nextdir=qispos/modulBeschr/gast&next=subtree.vm&expandAll=Y&nodeID=auswahlBaum%7Cabschluss%3Aabschl%3D88%7Cstudiengang%3Astg%3D105%7CkontoOnTop%3Apordnr%3D389527&expand=1&lastState=modulBeschrGast&asi=#auswahlBaum%7Cabschluss%3Aabschl%3D88%7Cstudiengang%3Astg%3D105%7CkontoOnTop%3Apordnr%3D389527>
- 6 C to be chosen from SP 1, SP 2, SP 3 or SP 4 or of the minor subjects business administration, economics or business law

### **14 C Minor subject modules**

14 C of the subjects business administration, economics or business law have to be chosen:

<http://www.uni-goettingen.de/en/487756.html>

### **16 C Key competencies modules**

- M.Mat.0971: Internship (10 C)
- To reach 16 C altogether, you have to chose from: <http://www.uni-goettingen.de/en/485031.html> or [www.uni-goettingen.de/en/192579.html](http://www.uni-goettingen.de/en/192579.html)
- The following is recommended:
  - o SK.FS.E-FW-C1-1: Business English I - C1.1 (6 C) OR
  - o SK.FS.E-FW-C1-2: Business English II - C1.2 (6 C)