

Reform of the Master's Programme in Mathematics

What You Need to Know

What I want to talk about today

- Reasons for the changes
- Overview about the new rules
- *Option to leave for everyone not having started old master's modules yet.*
- How to finish your degree when you already started
- How to finish old modules that you started in the past

The reform aims to:

- Make the rules easier and more flexible
especially in minors in the general track, the areas where seminars have to come from, the module choices in PHY/MDS track
- Install a reliable frequency of more standardized course offers
a lot of modules now have a fixed frequency instead of „irregularly“ and for the upcoming six semesters we share the lecture plan on our webpage here: <https://www.uni-goettingen.de/en/707553.html>

Compulsory Thesis Discussion

- change to be expected in most programmes in our university
- compulsory for all students registering their thesis after 1st of October 2026
- What? A 15-minute discussion with both supervisors
- When? Within 15 working days after thesis submission
- Purpose:
 - reflect on the research and writing process
 - justify methodological choices
 - and discuss how the work fits into the wider subject area
- Only after the discussion, the grading process of the thesis begins.

Overall Structure (same but more flexible)

- The overall structure is more or less the same.
- All modules that you already passed will also automatically count for the respective area in the new regulations.

Old vs. New (Overall structure, for all tracks)

OLD

120 C

30 C thesis

90 C coursework, incl.

-> 60 C maths SP1-SP4

-> 18 minor

-> 12 C key competencies

NEW

120C

30 C thesis

90 C coursework, incl.

-> 60 C maths SP 1-SP4

-> 18 C minor (in general
track 6-18 C)

-> 12 C key competencies

Passed modules in the old area will automatically count for the respective new area.

General Track

- More flexibility in the minors allowed
 - Minimum 6 C and maximum 18 C in minor
 - 12 C difference: minors or maths allowed
 - Mixing of minors allowed
- Inside the 60 C maths courses
 - At least 2 Seminars or Oberseminars (3 C each) – SP free of choice
 - 9 C from SP 1 or SP 2 (If the Master's thesis is in one of these at least 6C have to be from the other.)
 - 9 C from SP 3 or SP 4 (If the Master's thesis is in one of these at least 6C have to be from the other.)
 - 36 C to be chosen freely from all SP

Physics Track - only physics minor allowed

- 60 C maths coursework has to consist of:
 - At least 2 Seminars or Oberseminars (3 C each) from SP 1, SP 3 or SP 4
 - 9 C from SP 1
 - 9 C from SP 3 or SP 4
 - 36 C to be chosen freely from all SP (inside these max 12 C can be from the minor physics modules)

MDS Track only computer science minor allowed, thesis in SP3/SP4

- 60 C maths coursework has to consist of:
 - At least 2 Seminars or Oberseminars (3 C each) from SP 3 or SP 4
 - 9 C from SP 3 modules, except M.Mat.0731, B.Mat.3030, B.Mat.3032, B.Mat.3033
 - 9 C from SP 4 modules except M.Mat.0741, B.Mat.3040, B.Mat.3043, B.Mat.3044, B.Mat.3047, B.Mat.3048
 - One 10 C practical course from SP 3 or SP 4
 - One 5 C computer science module
 - 21 C to be chosen freely from all SP (inside these max 12 C can be from the minor computer science modules)

Certification of your study focus

- You all choose your focus automatically via choosing a thesis topic in one of the SP and registering your thesis in that SP.
- If additionally to that you pass 27 C from that same SP, your SP will be certified.
- If you do not fulfill this, you will still graduate but without a certification of the study focus.
- **OLD rule:** The best 27 C will be used to compute the grade of the certified SP.
- **NEW rule:** The SP will be certified without a grade.

Course offers from WS 2026/27

- As published here for a 3-year-overview:
- <https://www.uni-goettingen.de/en/707553.html>

only the new lectures/new modules will be offered.

- The fields of study (SP 1-4) stayed the same. As before, each new module belongs to one SP (according to the third digit of the module number).

OPTION TO LEAVE

Everyone who did not yet start
any master's module can leave
now.

What you need to know for your completion of the degree:

- All students will automatically be transferred to the new regulations, meaning they can use the more flexible rules if they exist.
- All credits already passed also count for the new regulations.
- From winter semester 26/27 on, only courses for modules from the new regulations will be offered.
- The fields of study (SP 1-4) stayed the same. As before, each new module belongs to one SP (according to the third digit of the module number).
- So, if you still need credits for your SP, you just choose a new module from that SP.

What happens to the old modules you already started but did not yet finish?

- „Started“ means: You already passed exercises (if necessary) but did not pass the final exam. If exercises were not necessary, you have a failed attempt in that module.
- Old modules can be finished by students in summer semester 2029 the latest.
- You only have the right to finish old modules that you already started.

Successor Modules I

- For a lot of modules, we match the old modules with the new modules regarding the learned contents/competencies.
- We name these modules **successor modules**.
- This is still work in progress and the outcome will be communicated by the end of August 2026.

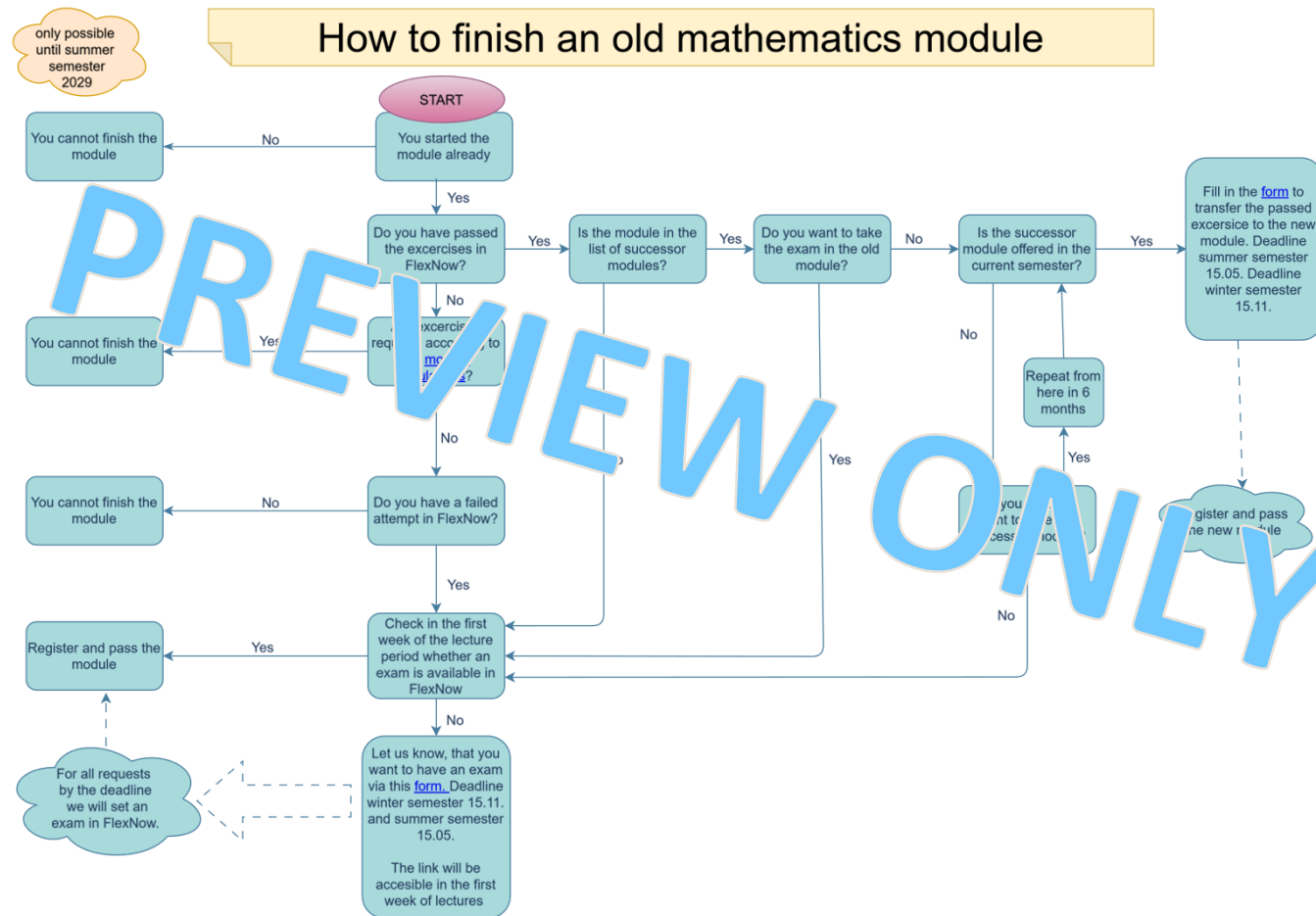
Successor Modules II - Properties

- If you have passed only the exercise in an old module, you can have this exercise counted in the successor module to take the final exam in the successor module.
- You cannot get credits for the successor module if you already passed the old module.
- Failed attempts for the final exams in old modules will not count as failed attempts for the final exams in the new modules.

Offers of old module exams

- Depending on the number of students that already started a module, some old module exams will be offered for registering in FlexNow by default.
- For some modules the old module exam will only be offered if requested.

FLOW CHART HOW TO OLD MODULES



What happens next?

- In the next 10 days all students will receive documentation regarding the changes via e-mail (most likely only this presentation for now)
- In August you will receive another e-mail, adding the list of successor modules to the aforementioned documentation as well as the FlowChart.
- In September, I will offer an online Q&A session regarding the new rules. Here I won't present everything again but only answer your questions to the documentation shared with you in August.
- By October 2026 the new regulations should be published here:
<https://www.uni-goettingen.de/en/43025.html>

Questions?

- Time for questions now.
- Contact information study advisory for questions later:
<https://www.uni-goettingen.de/en/358995.html>

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