Examination Regulations

Examination Time — Exams and Recognitions

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1 Forms of Examination

Different possible forms for an examination are outlined in the FPSO. However, not all of these are common in Mathematics. The following list contains the most prominent forms of examinations at the math faculty. However, examiners are free to change the form of examination and the details (such as open book or closed book) as long as they announce it some time prior to the exams. Also, other forms of examination are possible and are used in some cases. If in doubt, please consult your respective examiners.

written exam: These test your ability to solve problems in a limited amount of time, often 60 or 90 minutes (sometimes more for minor subjects). For possible problems, have a look at problem sheets, homework and tutorials of the course, the exam problems will usually be similar to the problems discussed there. Whether an exam is open or closed book is determined by the examiner. The grades for a written exam are announced via TUM-Online. You may inspect your exam upon request, most examiners schedule an inspection for all interested students after the exam has been graded. Most written exams are in English, exceptions are possible for some bachelor level courses, very few computer science modules and some minor modules. You can request a summary sheet in English (for German exams) or in German (for English exams) from the examiner by applying no later than 14 days prior to the examination date.

oral exam: For courses with few participants, written exams are often replaced by oral exams. An oral exam takes about 20-30 minutes and tests your abilities to reproduce and apply concepts learned in the course, your understanding of the connections between the topics covered and your ability to deal with new challenges. The grades for an oral exam are often given right after the examination. Oral exams may be conducted in German or in English. Dates are scheduled by the examiner, sometimes upon request, so be sure to contact your examiner and ask for the examination date and time.

seminar: Seminars usually require you to give a talk of 60-90 minutes. Professors may set more or different requirements (e.g., a different time, a short written summary). Be sure to consult with your professor early to be aware of the formalities.

Technische Universität München is offering workshops, “study skills days” and online material to help you organize your learning and adapt to the German examination system more quickly. Details on the programs are available at the ProLehre website: http://www.prolehre.tum.de/lernkompetenz/

Exams

- mostly written exams
- oral exams (≈ 30 minutes) for small courses
- course “enhance your study skills”

Research the examination period (both first take and resit) for this summer term at https://www.ma.tum.de/de/studium/studienorganisation/pruefungen.html. Make a note in your calendar to not book any holidays for these periods.
2 Resit Exams

For math courses, there are normally two examination dates at the end of the semester where a course is given. The first date is a few weeks after lectures end, the second date is a few days before lectures for the following semester start. The idea is that you can get a second try in case you failed the first attempt, but you are free to only go the second date if you wish to do so. However, there is no possibility to resit an exam beyond these two regular dates, so if you fail at the second date you will have to wait until the lecture is offered again (which may be never for some special courses).

These regulations may be different for other departments: Some offer a resit exam at the end of each semester (instead of two at the end of one semester), some do not offer resit exams at all. Please be sure to ask the lecturer about this if you cannot find this information for a course.

You may take resit exams for failed exams as often as you wish (as long as you are allowed to continue with your program and as long as the course is offered—you will learn more on that at a different station). However, it is not possible to resit an exam that you have already passed, passing grades are final.

Seminars are a special case: If you fail to pass your seminar, the examiner is not obliged to offer another chance. Instead, you can register for another seminar in the coming semester for your resit exam.

3 Exam Registration

To take an exam, you have to register for it within a certain timeframe using TUM-Online. Current dates may be found on https://www.ma.tum.de/de/studium/studienorganisation/pruefungen.html. If you fail to register, you will not be able to take an exam! Registration for the resit exams is separate. In particular, if you plan on only doing the resit exams, you do not need to register nor show up for the first examination date. If you register for an exam but then do not show up, a grade of 5.0 will be recorded. However, only passed exams will show up on your final transcript.

Please be aware that exam registration and registration for a course on TUM-Online are two different things. So even if you registered for a course, it is still necessary to register for the exam separately!

While not strictly necessary, it greatly helps the exam organizers if you de-register from an exam that you registered for but ultimately decided not to take. You may cancel your exam registration on TUM-Online up to a week before the examination date.

• Find the deadlines for exam registration for this summer term. Make a note to register in your calendar right now!
• Do the same thing for the resit exams, even if you are not planning on taking any resit exams.
4 Exams Taken at Other Universities

If you take an exam at a different university (e.g. when you spend a semester abroad), you can apply for a recognition of that course for your degree. Generally, such a course must be a master level course (and you will need some kind of certificate to prove this, e.g. a module description). For universities with a four-year bachelor program we also accept courses intended for the last year of that bachelor program (again, some official documentation proving this fact is necessary). There are different options for getting a recognition.

For either type of recognition, please use the appropriate forms available on [https://www.ma.tum.de/de/studium/studienorganisation/pruefungen.html](https://www.ma.tum.de/de/studium/studienorganisation/pruefungen.html).

4.1 1:1 Recognition

If there is a module at TUM that covers roughly the same contents at the same level, you may apply for a 1:1 recognition. The course will then be treated as a replacement for the TUM module. In particular, the module will be used in the same sections of the FPSO as the TUM module and count towards the respective credit limits.

- For a 1:1 recognition, the number of credits you get is always the minimum of the credits for the course itself and for the corresponding TUM module.
- You cannot use a course eligible for 1:1 recognition and the corresponding TUM module towards your degree (this also applies if you choose to not apply for 1:1 recognition).
- For a 1:1 recognition, equality of the module has to be accredited by the module responsible for the respective TUM module (listed on the TUM module description).

4.2 Recognition as “Mathematics Module from Other Universities”

For all master’s programs mathematical modules from other universities can be recognized with a limit of 18 credit points. The FPSOs contain a specific section for this type of recognition and eligibility of the module has to be accredited by the academic advisor for your program. Again, it is not possible to use any module from other universities if you are also including a TUM module with the same contents. For the program “Mathematics in Data Science”, the limit is 30 credit points, where modules from mathematics and informatics may be recognized if they fit into the study program.

4.3 Recognition as “Minor Module from Other Universities” (does not apply to “Data Science”)

For non-mathematical modules that fit into your minor, it may be possible to recognize the module in the respective section of the FPSOs. Again, there is a specific section for that in the FPSOs and the module will have to be accredited by your academic advisor.
4.4 Recognition as “Interdisciplinary Modules”

For modules that are neither mathematical nor related to your minor (if you have any), you may apply for a recognition as interdisciplinary module. If the module is a language course at basic level, up to 3 CP may be recognized, otherwise the module may be recognized with its original credit points.

**Recognitions**

Are there any courses that you would like to get recognized? Which form of recognition is suitable?