

The background of the slide is a micrograph showing a polycrystalline material with various grain structures and orientations, colored in shades of orange and yellow. A large blue circle is overlaid on the right side of the image, containing the main title and a smaller white circle at the bottom right containing the department name.

Tips during the lecture period and exam season

Fachgruppe
Materialwiss
enschaft

Study information

New Material Science
Students

Tips during the lecture period

- Take 21-24 ECTS per semester, this way you also have **enough time for fun stuff and a Hiwi job.**
- Talk with professors and senior students to **listen to their general experiences** (about the projects/topics that could be an option for specialization/master)
- Networking: **Find a student job**, they can often be found by simply asking the professors (recommended after the first semester)
- **Don't overwork yourself**, because it will very likely not translate into better grades

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Tips during the lecture period

- It is quite easy to get sucked into the routine of the Master program, but it is fundamental to also **enjoy also other things around you that are not related to the classes.**
- **Do not look too far ahead into the semester/program**, as it is easy to get overwhelmed, but take things week by week or day by day, it will make everything much more manageable.
- You can deregister exams one week before it takes place. **Do this if you think you're not prepared enough**, since you will only be allowed to retake an exam 3 times, if you're unable to pass the exam after 3 attempts, you will be expelled from the university.

Study informations

New Material Science
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During exam season

Resources that are useful:

- **Internal materials** like scripts and exercise provided by the professors
- **Books referenced in the scripts** - a lot can be downloaded for free from the uni library, especially through Springer links
- **Old exams and exercises from the student representatives (Ilias)**
- **Talk with the professors if you have questions** - they will be happy to explain it to you!
- Online videos
- Papers

Study informations

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During exam season

Learning strategies:

- Summarize the script and your notes
- **Memorization** - you can use flashcards - key words are important
- **Study in study groups** - you learn a lot when explaining theories to others or when discussing them
- **Do a lot of old exams and exercises** - a lot of the time the exam questions are similar
- Divide the material into smaller topics and learn topic by topic - start with the one you are interested in the most to get into a productive and positive mindset

Study informations

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During exam season

Learning strategies:

- Use techniques like the **Pomodoro technique** to improve your concentration
- Be aware that in most written exams the **time is (too) short - speed is important**
- Per exam, you should aim for **1-3 weeks of studying**
- Write yourself a **learning schedule**
- **Take a break!**
- **For oral exams:** understanding is most important (proportionalities or plots to visualize rather than calculations or complicated equations) - learn with other people and ask each other questions that could be asked during the exam

Still have questions?

Come talk to the Fachgruppe!

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