



Only the information provided in campo is binding. Please check campo for the latest information on lectures: www.campo.fau.de

Winter term 2025/2026 - 1st semester Master (M.Sc.) Physics

Mandatory and important events in October 2025

October 06 – 10, 2025			Welcome week for all international students (centrally organized at FAU)	
October 6, 2025	12 am – 2 pm	Lecture Hall D (HD)	Advanced laboratory course: Safety briefings and introductory event (German)	Note that the safety briefing is mandatory to take the lab course. If you miss the safety briefing you have to take the lab course at a later stage of your studies
October 13, 2025				Courses of the winter term start, for elective courses and seminars, please see below
October 13, 2025	4 pm – 6 pm	Lecture Hall E (HE)	Main course Advanced course in experimental physics: Lasers, Atomic Physics and Quantum Optics (EV-A)	You have to take at least one of the courses EV-A (offered in winter term), EV-B or EV-C (offered in summer term)
October 14, 2025	10 am – 12 pm	Lecture Hall D (HD)	Main course Advanced theoretical physics: Advanced quantum mechanics (TV-A)	You have to take at least one of the courses TV-A (offered in winter term) or TV-B (offered in summer term)



October 15, 2025	12 pm	Lecture Hall E (HE)	Main Welcome Event 1 st semester Master Physics (Department of Physics)	Information concerning the master studies with some re- freshments afterwards. Please sign the list of attendance during the event.
October 15, 2025	2 pm – 4 pm	Lecture Hall E (HE)	Advanced labora- tory course: Safety briefings and introductory event (English)	Note that the safety briefing is mandatory to take the lab course. If you miss the safety briefing you have to take the lab course at a later stage of your studies
October 16, 2025	10 am – 12 pm	Lecture Hall D (HD)	Main course TV-A	
October 16, 2025	12 pm – 2 pm	Lecture Hall H (HH)	Main course EV-A	
October 22, 2025	12 pm	Lecture Hall H (HH)	Colloquium of physics	The colloquium of physics takes place on every Wednesday
January, 14, 2026	3 pm – 5 pm	Foyer of Lec- ture Hall G (HG)	UPhUF (“ U nser P hysik U nser F orschung”))	Our Physics our research

The lecture hall building is located at Staudtstr. 5, 91058 Erlangen.



Overview of the courses in the winter term

Main courses

You have to take at least one of the courses EV-A (offered in winter term), **EV-B** or **EV-C** (offered in summer term) **and at least one of the courses TV-A** (offered in winter term) **or TV-B** (offered in summer term)

- Advanced course in experimental physics: Lasers, Atomic Physics and Quantum Optics (**EV-A**)
 - Weekly: Monday, 4 pm – 6 pm | Lecture Hall E (HE)
 - Weekly: Thursday, 12 pm – 2 pm | Lecture Hall HH (HH)
- Advanced theoretical physics: Advanced quantum mechanics (**TV-A**)
 - Weekly: Tuesday, 10 am – 12 pm | Lecture Hall D (HD)
 - Weekly: Thursday, 10 am – 12 pm | Lecture Hall D (HD)

These courses come along with (very important) exercise groups. Usually, the organization of the exercise groups is discussed in one of the first lectures. If you want to take part in a lecture, please join the StudOn course of the lecture that is linked on campo. In case of questions, please contact the lecturer that you find on campo directly.

Elective courses

You can find a list of elective courses in physics on campo:

<https://www.campo.fau.de:443/qisserver/pages/startFlow.xhtml? flowId=show-CourseCatalog-flow&periodId=565&path=title%3A16758%7Ctitle%3A16765%7Ctitle%3A16814%7Ctitle%3A16989%7Ctitle%3A16998%7Cexam%3A11904772&navigationPosition=studiesOffered,courseoverviewShow>



Elective courses not offered from the Physics Department are listed here:

<https://www.campo.fau.de:443/qisserver/pages/startFlow.xhtml? flowId=show-CourseCatalog-flow&periodId=565&path=title%3A16758%7Ctitle%3A16765%7Ctitle%3A16814%7Ctitle%3A16989%7Ctitle%3A16992%7Cexam%3A11904541&navigationPosition=studiesOffered,courseoverviewShow>

Not that not all courses are offered regularly. The courses that take place in the summer term have an arrow (and not just a point) in front of the title. In case of questions, please contact the lecturer that you find on campo directly.

Seminars of physics

You can find a list of seminars of physics on campo:

<https://www.campo.fau.de:443/qisserver/pages/startFlow.xhtml? flowId=show-CourseCatalog-flow&periodId=565&path=title%3A16758%7Ctitle%3A16765%7Ctitle%3A16814%7Ctitle%3A16989%7Ctitle%3A16994%7Cexam%3A11904430&navigationPosition=studiesOffered,courseoverviewShow>

Not that not all seminars are offered regularly. The seminars that take place in the summer term have an arrow (and not just a point) in front of the title.

In a seminar of physics, you usually have to prepare a presentation on a topic that is assigned to you at the beginning of the semester. Please join the StudOn course of the seminar that is linked on campo if **and only if** you want to actively participate in the seminar. **Do not join the StudOn course if you do not want to be assigned a topic.** In case of questions, e.g. concerning the assignment of topics please contact the lecturer that you find on campo directly.



Advanced laboratory courses in the winter term

Safety briefings and introductory events:

Without a valid safety briefing, no experiments may be performed at an actual FP/ALC block.

- October 6, 2025 | 12 pm – 2:00 pm | Lecture Hall D (HD) | **German**
- October 15, 2025 | 2 pm – 4 pm | Lecture Hall E (HE) | **English**

Note that the safety briefing is mandatory to take the lab course. If you miss the safety briefing you have to take the lab course at a later stage of your studies.

For further information please visit:

<https://www.physics.nat.fau.eu/alc/>

Colloquium of physics

Highly Recommended for students: The physics department hosts a physics colloquium on each Wednesday during the lecture period at 12 noon in Lecture Hall H. Invited researchers from Germany and around the world present their current research. The lectures are presented for a broader audience so that students and researchers of all departments can follow it. This is a great possibility for Master students, as well as Bachelor students, to gain insight into the wide variety of subfields in physics to eventually choose their own direction of research. Some talks are in German, some in English (see title of the talk for the language).

Link: <https://www.physics.nat.fau.eu/departement/colloquium/>

UPhUF (“Unsere Physik Unsere Forschung”)

The UPhUF (in English “Our Physics Our Research”) is presented by the Student Council Physics/Math/DataSciences and is an event for all students who are looking for a



bachelor or master thesis. All research groups of the Department of Physics are presenting their research fields. Every semester a poster session will be held where the students have the possibility to get in touch with the research groups and ask their questions. The next UPhUF will be on January 14, 2026 from 3 pm - 5 pm in the foyer of Lecture Hall G (HG). For further information: <https://mp.fsi.fau.de/service-e/uphuf-unsere-physik-unsere-forschung/?lang=en>

Onboarding event

Welcome Event for all 1st semester students Master Physics (Department of Physics)

Wednesday, October 15, 2025 | 12 pm (noon) to 1:30 pm | Lecture Hall E (HE)

Information concerning the master studies with some refreshments afterwards.

Please sign the list of attendance during the event.

Orientation courses for international students (FAU)

Organized centrally at the FAU.

October 06 – 10, 2025: Welcome week for all international students

Further information:

<https://www.fau.eu/education/international/from-abroad/welcome-programme-for-international-students/orientation-courses-for-international-students/>



Friedrich-Alexander-Universität
Study Service Center Physics

Tips for getting started at FAU

<https://www.fau.eu/education/study-organisation/tips-for-starting-studies-at-fau/>

Words you need to know for life at university

<https://www.fau.eu/education/study-organisation/student-a-z/>

Websites of the Study Service Center (SSC) Physics

Sign up for the StudOn Group of the Study Service Center (SSC) Physics to stay up to date and for booking advisory dates:

www.studon.fau.de/crs5988248.html



Website Study Service Center (SSC) Physics for further information:

<https://www.physics.nat.fau.eu/ssc/>

