

MSc in Physics program - A guideline to KLIPS2.0

Some general remarks on KLIPS2.0

KLIPS2.0 is the online system to register for classes and exams at the University of Cologne. This brief overview is meant to help you in dealing with the system – in particular regarding some special features of the MSc in Physics program.

Courses in Physics are generally not overbooked, thus, you do not have to be an early bird to secure your participation in a particular class. Nevertheless, we encourage you to register in the system:

- It can be used to create your own timetable.
- You can keep track of the lectures you have attended.

and most important

- You get **access to the teaching material, exercise sheets and more** for your courses as KLIPS2.0 is synchronized with the Cologne teaching platform ILIAS.

Registration in KLIPS2.0

In the following, you will find some instructions and some recommendations regarding the registration for courses. Please note that due to different types of courses there are also different aspects in the registration.

For the lab courses, there is a **special data base**, the deadline for registering is usual two to three days after the beginning of the lectures. Please check the following website for further details: <http://physik.uni-koeln.de/301.html?&L=1>

For all other courses, you need **KLIPS2.0** to register. Please note that there are specific time slots when registration is possible. In between these slots, you cannot register. However, you can still register for classes at the beginning of the lectures. For the time slots, see <https://klips2-support.uni-koeln.de/en/klips-20-support/news-and-dates>

Register for the **Advanced Theory Course** of your choice (or both). Please note that a separate registration for the exercises is needed. Both should be done latest **in the first week of lectures!**

Register for all other courses you plan to attend. To do that, you need to assign courses to be part of one of your Areas of Specialization. Please note that you may still change your mind later! I.e. the subjects you choose as Primary, Secondary or Elective Area upon registration for courses are not the one you have to stick to!

How to register?

Visit <https://klips2.uni-koeln.de> and log-in with your student (smail-) account and choose “My Degree Programme” (see Figure 1).

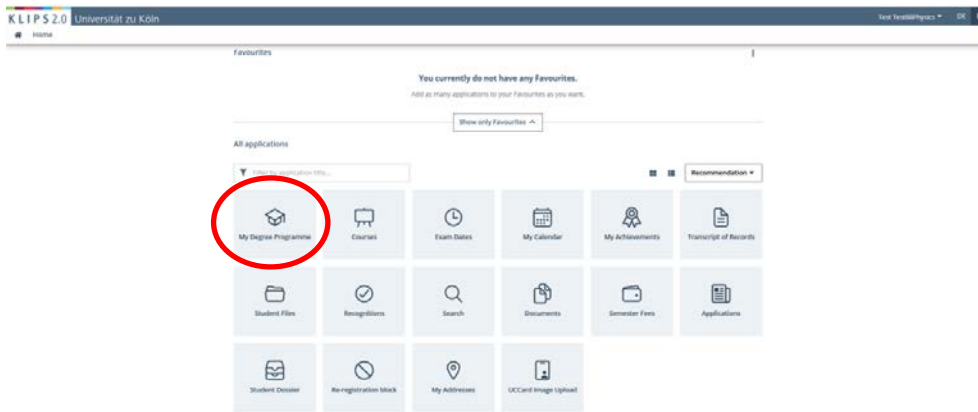


Figure 1: Student information after log-in.

If you are only enrolled in the MSc in Physics programme you will directly see the structure of the study course and the respective modules (see Figure 2). (Else, you would have to choose the MSc in Physics programme first).

The screenshot shows the curriculum page for 'My Degree Programme / Test88Physics, Test (0088130)'. It displays a table of academic achievements as of 28.06.2022 20:08. The table has columns for 'Node filter-Name', 'rec. sem.', 'Credits', 'Duration', 'WF', and 'Results'. The 'Node filter-Name' column is expanded to show a list of modules under the 'Physics' category.

Node filter-Name	rec. sem.	Credits	Duration	WF	Results
[20152] Physics		120		1	
[-] Practical Courses (2)				1	
[-] Advanced Modules (1)		9		1	
[-] Primary Area of Specialization (1)				1	
[-] Secondary Area of Specialization (1)				1	
[-] Introductory Project (2)				1	
[-] Elective Area				1	
[-] Research Module				1	
[-] [UZK1ExAn00] Extracurricular Courses				0	

Figure 2: List of modules.

Choose the module you want to attend a class for. In this example, "Primary Area" -> "Condensed Matter Physics" was chosen, and a specific course should be attended as "Specialized Course 1" (see Figure 3).

The screenshot shows the curriculum page with the 'Primary Area of Specialization' expanded. It displays a detailed list of courses under the 'Condensed Matter Physics' category. The 'Condensed Matter Physics Specialized Course 1' is circled in red.

Node filter-Name	rec. sem.	Credits	Duration	WF	Results
[20152] Physics		120		1	
[-] Practical Courses (2)				1	
[-] Advanced Modules (1)		9		1	
[-] Primary Area of Specialization (1)				1	
[-] Secondary Area of Specialization (1)				1	
[-] Introductory Project (2)				1	
[-] Elective Area				1	
[-] Research Module				1	
[5756CondM1] Condensed Matter Physics				1	
[-] [5756CondM1] Condensed Matter Physics Core Course 1				1	
[-] [5756CondM1] Condensed Matter Physics Core Course 2				1	
[5756CondM1] Condensed Matter Physics Specialized Course 1				1	
[-] [5756CondM1] Condensed Matter Physics Specialized Course 2				1	
[-] [5756CondM1] Condensed Matter Physics Specialized Course 3				1	
[-] [5756CondM1] Condensed Matter Physics Specialized Course 4				1	
[-] [5756CondM1] Condensed Matter Physics Additional Course				1	
[-] [5756CondM1] Condensed Matter Physics Advanced Seminar				1	
[-] [5756CondM1] Module Examination Condensed Matter Physics				1	
[-] [5756MolPh1] Molecular Physics		21		1	
[-] [5756NucPh1] Nuclear and Particle Physics		21		1	
[-] [5756Solid1] Solid State Theory / Computational Physics		21		1	
[-] [5756Stat1] Statistical and Biological Physics		21		1	
[-] Secondary Area of Specialization (1)				1	
[-] Introductory Project (2)				1	
[-] Elective Area				1	
[-] Research Module				1	

Figure 3: Types of courses in the specialization areas.

Upon clicking, all courses of that type which are offered in the current term are displayed directly beneath the chosen type of course. To participate in the class of your choice click on the small green arrow icon (see Figure 4). Note that the green arrow is only visible when the registration window is open.

The screenshot shows the KLIPS 2.0 interface for the University of Cologne. The user is logged in as 'My Degree Programme / Test88Physics, Test (0088130)'. The interface displays a list of courses under the 'Node filter: Name' section. The course '14756.2014.22W.25H.L. Topological Matter and Quantum Computing' is highlighted, and a green arrow icon is visible next to it, indicating that registration is possible. The interface also shows a table of examinations in the academic year 2022/23, with columns for 'Part/Exam', 'Lecturer (Assistant)', 'Place (1st session)', and 'Time (1st session)'. The course '14756.2014.22W.25H.L. Topological Matter and Quantum Computing' is listed in this table with a green arrow icon next to it.

Figure 4: Click on the green arrow icon to register for the class.

A new window opens (see Figure 5). You are asked to confirm your registration including which module the course should be assigned to. Choose "Continue" to proceed.

The screenshot shows the registration confirmation window in KLIPS 2.0. The window title is 'Course registration - select degree programme and node of curriculum version / 14756.2014 Topological Matter and Quantum Computing (25H L, WS 2022/23)'. The window contains a list of courses with columns for 'Name', 'rec. sem.', and 'Credits'. The course '5756CondM1 Condensed Matter Physics Specialized Course 1' is selected, and a green arrow icon is visible next to it. At the bottom of the window, there are two buttons: 'Continue' and 'Close'. The 'Continue' button is highlighted with a red circle, indicating that it should be clicked to proceed.

Figure 5: Confirmation window.

Now the actual registration can take place. For lectures, please choose the “*Standardgruppe*” (see Figure 6). For exercises, pick the group/time slot of your choice. Press “*Register*”.



Figure 6: Registration window to register in the *Standardgruppe* (standard group).

You are finally required to confirm your choice again (see Figure 7).



Figure 7: Final confirmation.

Note that during the first two phases of registration you can only register for the waiting list. But you will be assigned to the chosen course soon after the registration window has closed. The last registration period starts shortly before the term starts. In this last period you can directly register for the participation list.