

Excellence Track:

An extension program of the M.Sc. in Physics

The Mainz Physics Academy (MPA) of the Johannes Gutenberg University in Mainz invites applications for the Excellence Track.

JG|U

The **Excellence Track** is a certificate program designed as an extension of the Master's degree in Physics at JGU.

It is aimed at **high-achieving, research-oriented students** and enables them to further develop their scientific knowledge as well as complementary and transferable skills.

Students who successfully complete the Excellence Track together with their Master's degree at JGU will be considered **strong candidates for a doctorate**.

Structure and content

In order to successfully complete the Excellence Track, students must acquire a minimum of **23 credit points in addition to the regular Master's program**. These credit points are distributed over two categories:

1. Scientific Competence and
2. Complementary and Transferable Skills.

All courses must be successfully completed before submission of the Master's thesis. Graduates of the Excellence Track will receive a certificate attesting the additional academic achievements and qualifications.

Admission and requirements

Admission to the Excellence Track requires a completed Bachelor's degree in physics that has lasted no longer than one semester over the standard period of study.

Admission can also be achieved by excellent grades at the end of the first Master's semester at JGU.

If not already enrolled as a student at JGU, candidates must submit their application for the Excellence Track together with the application for the regular Master's program in Physics. Alternatively, if they are already matriculated as Master students, the enrolment in the Excellence Track must be completed before the start of the second semester of the Master's program.

Why apply for the Excellence Track?

- Become a strong contender for a **PhD position**.
- Participate in MPA **Retreats, Summer Schools** as well as in physics and softskill **Workshops**.
- Take part in early career-stage **networking** with PRISMA+ PhD and Postdoc researchers.
- Join **social activities** and events.
- Boost your chances to get accepted into **prestigious internship programs** (CERN, DESY...).
- Get financial support for some external **conferences**.

Application

Applications open twice a year. More information can be found online:

- <https://physics.uni-mainz.de/excellence-track>
- <https://www.prisma.uni-mainz.de/mainz-physics-academy/excellence-track-program/>

Application documents

- Cover letter including a short motivation statement
- Detailed curriculum vitae
- Copy of the Bachelor's degree certificate with a Transcript of Records in German or English
- Copy of the proof of admission to the Master's program at JGU
- One signed letter of recommendation by a senior scientist, with institutional letterhead, to be sent separately

All documents may be submitted in English or German. Documents in any other language must be translated and legally certified.

Further information can be obtained from the coordinators of the Mainz Physics Academy at xtrack@uni-mainz.de.