

Admission Regulations
for the joint international Master's degree program "Advanced Methods in Particle Physics"
at the Department of Physics of TU Dortmund University
from January 17th 2022

On the basis of Sections 2 (4), 49 (6) and 64 (1) of the Higher Education Act of the State of North Rhine-Westphalia (*Hochschulgesetz NRW, HG*) of 16 September 2014 (GV.NRW. p.547), as last amended by Article 2 of the Act Amending the Higher Education Act and Amending Other Provisions in Higher Education of 25 March 2021 (GV.NRW. p.331), TU Dortmund University has issued the following regulations:

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Section 1 Scope of application

Based on the associated Master's examination regulations, these regulations govern admission to the Master's degree program "Advanced Methods in Particle Physics" at TU Dortmund University, which is offered jointly with the *Alma Mater Studiorum - Università di Bologna* and the *Université Clermont Auvergne*. Students of the degree program are enrolled at TU Dortmund University and registered at the other two participating universities. Other admission regulations may apply at the partner universities.

Section 2 Admission Committee

- (1) The tasks of the Admission Committee for the Master's degree program "Advanced Methods in Particle Physics" are assumed by the Joint Examination Board according to Section 14 of the examination regulations for the Master's degree program "Advanced Methods in Particle Physics" at TU Dortmund University.
- (2) The Admission Committee decides on the admission of applicants on the basis of the admission requirements in Section 3 as well as on appeals against decisions made in the admission procedure.

Section 3 Admission requirements

- (1) Prerequisite for admission to the Master's degree program "Advanced Methods in Particle Physics" is
 - a) a Bachelor's degree in physics from TU Dortmund University, the University of Bologna or the University of Clermont Auvergne or
 - b) another comparable degree in a comparable degree program of at least three years (six semesters) at a state or state-recognized institution of higher education within the scope of the German Basic Law or at an institution of higher education outside the scope of the German Basic Law, provided that the Admissions Committee has determined that there are no significant differences from the degree and degree program specified in subsection 1(a).
- (2) The criteria for the determination of whether or not there are significant differences are a comparison of the content, scope and requirements of the achieved degree and degree program with the degree and degree program pursuant to subsection 1(a). Depending on this assessment, the Admission Committee may grant admission without or with conditions for the successful completion of missing examination achievements or refuse admission. Conditions can be imposed for a maximum of 30 credit points and must be successfully demonstrated by the time of registration for the Master's thesis at the latest. For the examinations to be taken within the framework of the conditions, Section 13 (1) of the examination regulations for the Master's degree program "Advanced Methods in Particle Physics" applies accordingly.

- (3) In addition to the requirements stated in subsection 1, applicants must meet the following criteria:
- a) The final cumulative grade achieved in the prerequisite degree according to subsection 1 was at least the grade “good” (2.5) or, in the case of a foreign degree, a grade at least equivalent to the grade “good” (2.5) in the respective national grading system. In the ECTS grading scheme, this corresponds to a grade of B or better, which is typically awarded to the best 35% of students in a year.
 - b) The applicant must have a proven knowledge of the English language of at least level B2 of the Common European Framework of Reference (CEFR). This is also considered to be proven
 - by the certificate of the general or subject-restricted university entrance qualification from the area of application of the German Basic Law,
 - by an internationally recognized language certificate (for example TOEFL; IELTS) or a comparable certificate or
 - by attending an English-speaking school for at least one year,
 - in the case of applicants whose native language is English or who have obtained a degree in accordance with subsection 1 in an English-language degree program.
- (4) If the academic degree was acquired abroad, the equivalence agreements approved by the Standing Conference of the Ministers of Education and Cultural Affairs of the Länder in the Federal Republic of Germany (*Kultusministerkonferenz*) and the German Rectors' Conference (*Hochschulrektorenkonferenz*), agreements within the framework of university partnerships and the recommendations of the Central Office for Foreign Education (*Zentralstelle für ausländisches Bildungswesen, ZAB*) must be taken into account when examining the materiality of differences.
- (5) If an applicant does not yet hold the certificate of a Bachelor's degree, the Admissions Committee may admit this applicant to the Master's degree program “Advanced Methods in Particle Physics” if the applicant provides evidence that he or she has successfully passed all examinations of a Bachelor's degree program including the Bachelor's thesis according to subsection 1 and has additionally fulfilled the required prerequisites according to subsections 2 and 4.
- (6) The Master's degree program “Advanced Methods in Particle Physics” can only be started in the winter semester.

Section 4

Entry into force and publication

These admission regulations are published in the Official Communications of TU Dortmund University and come into force on 1 October 2021.

Issued on the basis of the resolutions of the Department Council of the Department of Physics of December 8th 2021 and the Rectorate of TU Dortmund University of November 17th 2021.

Dortmund, January 17th 2022

The President
of TU Dortmund University
Professor Dr. Manfred Bayer