

G. Education programme in *Biophysics* in the discipline of physical sciences with Polish as a medium of instruction

Application requirements

The *Biophysics* programme at the Doctoral School of Exact and Natural Sciences welcomes applicants holding a Master's degree, a Master of Engineering degree or an equivalent degree received in the field of exact and natural sciences.

Applicants who hold a Master's degree, a Master of Engineering or an equivalent degree in a field other than exact and natural sciences may also apply for admission to the programme. In such cases, the applicant submits 1. an opinion from a senior academic staff member (a staff member with a postdoctoral degree) confirming the applicant's achievements and competencies necessary to pursue education within the *Biophysics* programme, and 2. other documents confirming these achievements, e.g. participation in projects, conferences or courses.

In exceptional cases and taking into account scientific achievements of high quality, a person referred to in Article 186(2) of the Act, who does not hold a Master's degree and who is a graduate of the first-cycle study programme or a student who has completed the third year of the long-cycle study programme but who has a student status in a field from among those indicated above, or who has completed such studies, may also apply for admission to this programme.

In order to verify whether the condition referred to in Article 186(2) of the Act is met, the applicant is required to submit two opinions confirming high-quality research and the degree of progress to date of their research. These opinions are issued by scientific advisors holding a postdoctoral degree, or who are employees of a foreign university or scientific institution and who have outstanding achievements related to the programme in question.

The Director, in consultation with the chairperson of the admission committee, shall decide whether an applicant meets the condition referred to in Article 186(2) of the Act.

This programme can also be pursued as an individual programme conducted in English, upon the consent of the programme coordinator and the proposed academic advisor.

Admission criteria

The order of applicants on the ranking is determined by their final numerical admission scores on the basis of 1. the average grade of their first-cycle programme and second-cycle programme or long-cycle programmes (0–50 points), 2. other achievements, such as internships, publications, participation in research projects, schools, conferences, scholarships and awards assessed on the basis of the submitted curriculum vitae (0-20 points) and 3. the result of the interview (0-30 points).

In special cases the decision is made by the admission committee.

Admission procedure

The grade average from the applicant's studies is calculated according to the formula:

$$S = \left[\left(\frac{Sb}{Mb} \right) * 30 + \left(\frac{Sm}{Mm} \right) * 20 \right]$$

where:

Sb is the grade average obtained in the first degree programme calculated according to the rules valid at the awarding institution,

Mb is the best grade possible,

Sm is the grade average obtained in the first year of the second-cycle programme, calculated according to the rules valid at the awarding institution,

Mm is the maximum (the best) grade on the scale valid at the applicant's home university; for the long-cycle (master) programme the grade **Sb = Sm** should be taken as the average for the completed years of studies.

In the case of a grading scale different than the one in force at the Jagiellonian University, the admission committee decides on how to calculate the S.

The applicant's academic achievements are assessed on the basis of the submitted curriculum vitae and other documents, on a scale from 0 to 20 points offered by each member of the committee; the final score here is the average of these marks.

The interview is designed to test the applicant's suitability for the education at the Doctoral School. The interview is conducted within the following areas:

1. the applicant's thesis and academic achievements (0-10 points)
2. the applicant's scientific and research interests and plans (0-10 points)
3. important problems and discoveries in physics directly related to the recent and planned research of the applicant (0-10 points)

Each point (1– 3) is assessed separately on the scale (0–10 points) and the final interview score is the arithmetic average of the scores offered by the committee members who have taken part in the interview.

Applicants who did not take part in the interview are awarded 0 (zero) points.

Applicants who received fewer than 35 points as the grade average of their studies are not admitted to the interview.

Calculating admission score

The final admission result **W** is a number determined for all the applicants as the sum of the points obtained in the entire admission procedure. A ranking list of the applicants is created on the basis of the scores obtained during the admission procedure. Ultimately, admission is determined by the position on the ranking list taking into account the limit of places available in the programme.

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