J. PhD programme of study named *Physics* in the discipline of Physical Sciences, conducted in English

Formal requirements for entering the admission procedure

Candidates eligible for admission to the *Physics* programme of study at the Doctoral School of Exact and Natural Sciences are the holders of *Magister*, *Magister inżynier*, or equivalent professional title awarded in the field of exact and natural sciences.

In exceptional cases, given the outstanding quality of candidate's academic achievements, a person referred to in Article 186 of the Act who does not hold a *Magister* title, who has completed the undergraduate (first-cycle) programme, or who has completed the third year of long-cycle graduate programme but holds the status of student of a programme in the field indicated above or has graduated from a programme in that field, may also apply for admission to the programme.

In order to confirm the fulfilment of the condition referred to in Article 186, section 2 of the Act, the candidate shall be obliged to submit:

1. two opinions confirming the high quality of the research work carried out and the high level of advancement of such work, issued by academic tutors holding at least the postdoctoral degree or being employees of a foreign university or scientific institution who have significant achievements in scientific issues related to the curriculum, or
2. a certificate of being a beneficiary of the "Diamond Grant" programme of the Ministry of Science and Higher Education.

Whether the candidate meets the condition referred to in Article 186 section 2 of the Act shall be decided by the Director in consultation with the chair of the committee.

Qualification criteria

Candidates are placed on the ranking list in order determined by their final result, calculated on the basis of: grade averages from undergraduate (first-cycle) and graduate (second-cycle) programs, or of the grade average from long-cycle graduate program (0–50 points), candidate's other achievements (internships, publications, participation in research, schools, conferences, scholarships, and awards), assessed on the basis of the curriculum presented by the candidate (0–10 points), and interview result (0–40 points).

In special cases, not covered in the admission procedure and final result calculation procedure, the decision is made by the committee.

Admission procedure

The *S* studies assessment result expressed in points is calculated on the basis of the following formula:

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

where:

Sb stands for the grade average from the undergraduate (first-cycle) program, calculated in accordance with the regulations in power at the university of graduation,

Mb stands for the best possible grade,

Sm stands for the grade average from the first year of graduate (second-cycle) program, calculated in accordance with the regulations in power at the university of graduation,

Mm stands for the maximum (best) grade on the grading scale in power at the university of graduation;

for long-cycle graduate programs, *Sb* = *Sm* shall be adopted as the grade average for the completed years of studies.

For grading scales different from the Polish grading scale, the committee decides on the mode of calculation of the *S* result.

Candidate's academic achievements are assessed based on the presented curriculum vitae and documents, on a scale from 0 to 10 points by each committee member, and the final result is computed as mean of these grades.

The interview assesses candidate's suitability for the doctoral school and covers the following areas of interest:

1) subject of candidate's *Magister* thesis and candidate's academic achievements (0–10 points);
2) candidate's interests, and academic and research plans (0–10 points);
3) knowledge about the important problems and discoveries in physics, directly related to their previous research and to candidate's planned research (0–10 points).

Each interview point is assessed on the outlined scale, and the interview result is computed as an arithmetic average of grades awarded by each committee member present during the interview, rounded to the second decimal place. On candidate's request, by the committees permission, the interview may be conducted by means of distant communication.

Candidates who do not take part in the interview receive 0 (zero) points.

Final result calculation

The final admission procedure result *W* is expressed as a number on a scale from 0 to 100, calculated for all candidates as sum of points earned over the course of the admission procedure.

Only candidates whose final admission procedure result stands at least at 60.00 points, and whose studies results grade stands at least at 35.00 points can be qualified for admission.