

Detailed criteria for awarding points for scientific achievements in the admission procedure to the Doctoral School in the discipline of biological sciences

Proposal of the Selection Team dated 21.06.2023

1. Points awarded for the grade earned by the candidate for undergraduate* or graduate* degree diploma

| | | |
|---|---------------------------|------------------|
| Grade earned by the candidate for second degree or uniform master's studies diploma | Point range | Number of points |
| | 0-10 points ¹⁾ | |

Comments

¹⁾ Points 0-10 are awarded according to the following criterion:

Very good (bdb) - 10 points; Good plus (db +) - 8 points; Good (db) - 6 points; satisfactory plus (dst +) - 0 points; satisfactory (dst) - 0 points.

* 10 points in the case of Diamond grant / Pearl of Science.

The maximum total number of points may not be higher than 10.

2. Assessment of scientific activity and scientific achievements of the candidate:

| No | Activity | Point range | Number of points awarded for individual achievements | | | Total number of points awarded |
|-----------------------------------|--|--------------------------|--|---|---|--------------------------------|
| | | | 1 | 2 | 3 | |
| 1 | Authorship/co-authorship of a publication in a journal listed in <i>Journal Citation Reports</i> | 3-6 points ²⁾ | | | | |
| 2 | Authorship/co-authorship of a publication in a peer-reviewed journal in English outside of <i>Journal Citation Reports</i> | 3-4 points ³⁾ | | | | |
| 3 | Authorship/co-authorship of a peer-reviewed publication in a language other than English | 3-4 points ⁴⁾ | | | | |
| 4 | Documented active participation in scientific conferences | 1-3 points ⁵⁾ | | | | |
| 5 | Participation in national and international exchange programs, as well as other scientific internships and placements | 1-3 points ⁶⁾ | | | | |
| 6 | Contractor in an international or national grant | 1-3 points ⁷⁾ | | | | |
| Total number of points (1 thru 7) | | | | | | |

Comments

- Each type of activity **must be confirmed**; an appropriate attachment is required (e.g. pdf/scan of publication, scan of abstract from conference proceedings, certificate, appropriate certificate of internship / science internship, project manager's certificate of participation in the project, etc.).
- The candidate indicates up to **three documented scientific achievements** for evaluation.
 - The candidate may submit three different scientific activities from the same category (1 - 6) or three activities from different categories (1 - 6)

Points are awarded according to the following criteria:

2)

- Q1 publication - 6 points
- Q2 publication - 5 points
- Q3 publication - 4 points
- Q4 publication - 3 points

If the candidate submits a publication from a journal listed in the Philadelphia list in which the candidate is the sole author, 6 points are awarded regardless of the quartile.

3) and 4) Order in the list of authors:

- single-author - 4 points
- multi-author -3 points

5) Participation in the conference:

- delivery of a paper/presentation of a poster at an international conference - 3 points.
- delivery of a paper/presentation of a poster at a national conference - 2 points
- delivery of a paper/presentation of a poster at a university/student conference/research club, etc. - 1 point.

6) Duration of the exchange/traineeship/internship:

- more than 1 month - 3 points
- 1 month - 2 points
- less than 1 month - 1 point

7) Performance of research tasks in an international / national grant

- international (COST, Horizon, ERC) - 3 points (statement of the project manager with the number and title of the project and description of the tasks performed by the candidate)
- national (NCN, NCBiR, NAVA, FNP) - 2 points (statement of the project manager with the number and title of the project and description of the tasks performed by the candidate)
- other national - 1 point (statement of the project manager with the number and title of the project and a description of the tasks performed before the candidate).

The maximum total number of points may not be higher than 15.

3. Other documented activities of the candidate

| No | Documented activity of the candidate based on the maximum of three achievements indicated by the candidate | Number of points awarded |
|-----------------------------------|--|--------------------------|
| 1 | | |
| 2 | | |
| 3 | | |
| Total number of points (1 thru 3) | | |

Comments

- Each type of activity **must be confirmed**; an appropriate attachment is required;
- The candidate indicates for evaluation **up to three documented other achievements** in accordance with the criteria referred to in §10 of Resolution No. 287/2022/2023 on admission rules.

Points are awarded according to the following criteria:

- Scholarship of the Minister of Science and Higher Education / Minister of Education and Science - 4 points.
- Other academic scholarships - 3 points *.
- Organizational activity in a student science club - 2 points.
- Research projects financed through competitions from university/PAN/PIB funds - 2 points*
- Work in student government - 1 point.
- Participation in actions promoting scientific knowledge - 1 point.
- Obtained awards or prizes - 1 point.
- Other documented activities of the candidate - 1 point.

* in the case of other sources than AMU, it is necessary to attach the applicable regulations.

The maximum total number of points may not be higher than 5.

4. Evaluation of the candidate's research project.

| No | Scope of evaluation | Range of points | Number of points awarded |
|-----------------------------------|---|-----------------|--------------------------|
| 1 | Ability to formulate the purpose of the research and present the research problem | 0-5 points | |
| 2 | Research idea and the ability to propose a solution | 0-5 points | |
| 3 | Methodology appropriate to the indicated discipline | 0-5 points | |
| 4 | Knowledge of the state of the research with basic bibliography | 0-5 points | |
| Total number of points (1 thru 4) | | | |

Comments

The maximum total number of points may not be higher than 20.

It is planned to award up to 5 points for each of the above-mentioned elements included in the research project proposal. Each member of the selection team, after reviewing the research project proposal, will make their own evaluation, the average of the five evaluations (with an accuracy of 0.1) will constitute the final score for the research project.

5. The score obtained during the candidate's interview

| No | Scope of evaluation | Range of points | Number of points awarded |
|-----------------------------------|---|---------------------------|--------------------------|
| 1 | Candidate's knowledge relevant to the planned research and appropriate to the indicated scientific discipline | 0-25 points ¹⁾ | |
| 2 | Elements of research methodology relevant to the indicated discipline | 0-25 points ²⁾ | |
| Total number of points (1 thru 2) | | | |

Comments

The interview lasts 30 minutes; of which

- a) 5 minutes are allocated for the candidate's self-presentation (e.g. scientific interests, motivation for scientific work, etc.)
 - b) 10 minutes are allocated for the presentation of the candidate's research project (can be presented in the form of a multimedia presentation, e.g. Power Point)
 - c) 15 minutes are allocated for the candidate's answers to assess the candidate's knowledge, competence and familiarity with research methodology for the dissertation project.
- The interview of a foreign candidate who does not speak Polish is conducted in English.
 - The members of the selection team make an expert evaluation of the candidate's speech

¹⁾ The evaluation takes into account whether candidates can convincingly present their scientific interests and motivation for scientific work, i.e., whether they can indicate, against the background of their previous education and achievements, why they want to study at the Doctoral School. The completeness and content of the candidates' statement of scientific interests are also evaluated.

²⁾ The evaluation takes into account the completeness and content of the statement on the doctoral dissertation. The answers to the questions posed by the members of the selection team and the ability to conduct a discussion are evaluated.

The highest number of points is awarded to statements in which the candidate demonstrates knowledge of the topic of the doctoral dissertation, presents clearly the proposed approach to solving the research problem, including the choice of research methods, as well as the anticipated achievement of the project.

The maximum total number of points may not be higher than 50.

Each member of the selection team will make their own assessment of the candidate's response; the average of the five evaluations (with an accuracy of 0.1) will constitute the final score for the interview.