

Scientific discipline:

Materials Engineering

DIPLOMA GRADE

In this category the candidate may receive maximum 3 points

In the absence of a diploma grade, the average grade from the course of study is taken into account.

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| “very good” or equivalent grade | 3 points |
| “good plus” or equivalent grade | 2 points |
| “good” or equivalent grade | 1 point |
| applicants seeking admission on the basis of the highest quality scientific achievements (e.g. leading a project under the “Pearls of Science” programme) | 3 points |

SCIENTIFIC ACHIEVEMENTS

The candidate shall indicate a maximum of 3 documented scientific achievements for evaluation. They may receive no more than 22 points in total.

Co-author of scientific publications (published or accepted for publication) in journals from the *Journal Citation Reports* list (the arithmetic average of the Impact Factor values of the papers multiplied by the square root of the number of papers is evaluated):

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| N.1 | a) IF < 1,5 | 2 points |
| N.2 | b) 1,5 < IF < 3,0 | 4 points |
| N.3 | c) 3,0 < IF < 4,5 | 6 points |
| N.4 | d) 4,5 < IF < 6,0 | 8 points |
| N.5 | e) IF > 6,0 | 10 points |
| N.6 | Co-author of a patent (granted or applied for) | 5 points |
| N.7 | Leadership of a research project financed from external sources | 7 points |

Active participation in international scientific conferences:

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| N.8 | (a) presentations only in the form of a poster | 2 points |
| N.9 | b) at least 1 presentation in the form of an oral address | 5 points |
| N.10 | At least one month's scientific internship in a research unit compatible with the discipline of materials engineering or a related discipline | 5 points |
| N.11 | At least one month internship in an enterprise compatible with the discipline of materials engineering or a related discipline | 5 points |

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| N.12 | Receipt of an award or prestigious scientific scholarship from a university, local/central government or prestigious scientific institution | 5 points |
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OTHER ACTIVITIES OF THE CANDIDATE

**The candidate shall indicate a maximum of 3 documented achievements for evaluation.
They may receive no more than 5 points in total.**

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| I.1 | Active involvement in the work of the science club or scientific society | 2 points |
| I.2 | Active participation in the organization of a scientific conference | 2 points |
| I.3 | Active participation in the organization of an event popularizing science (other than a scientific conference) | 1 point |
| I.4 | Activity in student government | 1 point |

RESEARCH PROJECT

The candidate may receive a maximum of 20 points

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| Ability to formulate the research objective and present the research problem | 0 – 4 points |
| Originality of the research idea and selection of appropriate problem-solving methods | 0 – 4 points |
| Methodology appropriate to the chosen discipline | 0 – 4 points |
| Knowledge of existing research, supported by a basic bibliography | 0 – 4 points |
| Significance of the project for the development of the chosen discipline | 0 – 3 points |
| Risk analysis of research tasks | 0 – 1 points |

INTERVIEW

The interview may last up to 30 minutes

The candidate may receive a maximum of 50 points

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| Knowledge and competencies appropriate to the chosen discipline | 0 – 25 points |
| Elements of research methodology appropriate to the chosen discipline | 0 – 25 points |