

**Scientific discipline:**

**Materials Engineering**

DIPLOMA GRADE	
<b>In this category the candidate may receive maximum 3 points</b> In the absence of a diploma grade, the average grade from the course of study is taken into account.	
“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		
<b>The candidate shall indicate a maximum of 3 documented scientific achievements for evaluation. They may receive no more than 22 points in total.</b>		
Co-author of scientific publications (published or accepted for publication) in journals from the <i>Journal Citation Reports</i> list (the arithmetic average of the Impact Factor values of the papers multiplied by the square root of the number of papers is evaluated):		
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:		
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

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.**

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**

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**

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