

Appendix 1

to Resolution No. No. XXIV – 3/O/20

UMCS Senate in Lublin

from March 31, 2020.

## **Detailed rules for the evaluation of candidates for the Doctoral School of Quantitative and Natural Sciences**

1. The recruitment procedure includes:

1) an interview concerning topics consistent with the academic discipline declared by the candidate in which they intend to prepare a doctoral dissertation and the topics selected by the candidate from the research topics included in the announcement about recruitment to the Doctoral School. The candidate may submit their own research subject, if it is at least partially consistent with the areas of research conducted in the University units responsible for scientific disciplines: mathematics, biological sciences, chemical sciences, physical sciences, Earth and environment sciences or IA PAN and IUNG-PIB, responsible for agriculture and horticulture disciplines. During the interview, the candidate presents a short, maximum 15-minute long multimedia presentation. It should be prepared in power point or pdf format and contain: a description of the candidate's profile, including scientific achievements, motivation to study at the Doctoral School and selection of research topics, and a review of the literature related to the selected research topic. The candidate should provide the printout of the presentation along with the documents referred to in § 2 para. 4 of the resolution on the recruitment to the Doctoral School of Quantitative and Natural Sciences. In the case of candidates from abroad, who cannot attend the interview conducted at the University headquarters, the interview can be carried out using an instant messenger. In this case, the candidate must send the presentation in electronic form in advance;

2) evaluation of the achievements declared by the candidate. The candidate will present a maximum of three most important, in their opinion, (documented) achievements related to the scientific discipline in which they intend to prepare a doctoral dissertation. The candidate may provide the following achievements: scientific articles published in journals on the current list of the Ministry of Science and Higher Education published in the Statement of the Minister of Science and Higher Education of December 18, 2019 regarding scientific journals and reviewed materials from international conferences together with the assigned number of points in the disciplines in which the Doctoral School of Quantitative and Natural Sciences is run (<http://www.bip.nauka.gov.pl/inne2/komunikat-ministra-nauki-i-szkolnictwa-wyzszego-z-dnia-18-grudnia-2019-r-w-sprawie-wykazu-czasopism-naukowych-i-recenzowanych-materialow-z-konferencji-miedzynarodowych.html>)

peer-reviewed scientific articles published in journals not included in the current list of Ministry of Science and Higher Education magazines announced by the Minister of Science and Higher Education

issued on December 18, 2019 regarding scientific journals and peer-reviewed materials from international conferences together with the assigned number of points, monographs and chapters in monographs published in the publications included in the currently applicable list of the Ministry of Science and Higher Education announced by the Minister of Science and Higher Education of December 18, 2019 on scientific journals and peer-reviewed materials from international conferences together with the number of assigned points (<http://www.bip.nauka.gov.pl/inne2/komunikat-ministra-nauki-i-szkolnictwa-wyzszego-z-dnia-18-grudnia-2019-r-w-sprawie-wykazu-czasopism-naukowych-i-recenzowanych-materialow-z-konferencji-miedzynarodowych.html>),

participation in an international or national research project, participation in an international or national research internship not covered by the study program, exchange under the Erasmus program, presentation of a paper by the Candidate at an international or national scientific conference, authorship or co-authorship of a poster at an international or national scientific conference, active participation or co-organization of events popularizing science.

2. The maximum number of points that may be obtained during the interview will be 70. During the interview, the following will be assessed:

1) knowledge of the discipline in which the candidate intends to prepare a doctoral dissertation and topics selected by the candidate from among the research topics included in the announcement about the recruitment to the Doctoral School or their own research subject that meets the requirements referred to in paragraph 1 point 1. The candidate may receive a maximum of 35 points.

2) quality and substantive value of the presentation, for which the candidate may receive a maximum of 25 points.

3) ability to use English at a communicative level, , for which the candidate may receive a maximum of 10 points.

3. The candidate may receive a maximum of 30 points for assessing their achievements, with the proviso that the score for a single achievement is:

1) scientific articles published in journals on the current list of the Ministry of Science and Higher education in disciplines in which the Doctoral School of Quantitative and Natural Sciences is run with the assigned number of points from 100 to 200 per magazine - 10 points, with the assigned number of points from 20 to 70 per magazine - 7 points;

2) peer-reviewed scientific articles published in journals not included in the current list of Ministry of Science and Higher Education magazines - 4 points;

3) monographs and chapters in a monograph published in publications included in the current list of Ministry of Science and Higher Education - 5 points;

4) participation in an international research project - 7 points;

5) participation in a national research project - 5 points,

6) participation in an international research internship not covered by the study program - under 30 days - 5 points, 30 days and more - 10 points;

7) participation in a national research internship not covered by the study program - less than 30 days - 4 points, 30 days and more - 7 points;

8) exchange under the Erasmus program - 5 points;

9) delivering a paper by the Candidate at an international scientific conference - 7 points. (plus 1 point for a distinguished speech);

10) delivering a paper by the Candidate at a national scientific conference - 4 points. (plus 1 point for a distinguished speech);

11) authorship or co-authorship of the poster at an international scientific conference - 5 points (plus 1 point for a poster award);

12) authorship or co-authorship of a poster at a national scientific conference - 3 points (plus 1 point for a poster award)

13) active participation in or co-organization of events popularizing science - 3 points.

4. The maximum number of points obtainable by the candidate during the recruitment procedure is 100 points.

5. The candidates who obtained at least 40 points from the interview are included in a ranking list within the given admission limit. The total number of points obtained determines the candidate's place on the ranking list.