

# RECRUITMENT

## EARTH AND RELATED ENVIRONMENTAL SCIENCES

2023/2024



Doctoral School of  
Exact and Natural  
Sciences

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# ABOUT THE SCHOOL



The main element of education at the Doctoral School of Exact and Natural Sciences (SDNSP) is the implementation of an individual PhD project in one of the scientific disciplines (Astronomy, Computer Science, Mathematics, Biological Sciences, Chemical Sciences, Physical Sciences, Earth and Environmental Sciences) that are covered by the school, under supervision of a faculty member chosen by the doctoral student.

The education at SDNSP lasts 4 years and includes courses in the form of specialization and monographic lectures, workshops, seminars, two-day symposiums as well as courses and trainings to improve the skills of doctoral students in teaching.

The graduate of the Doctoral School of Exact and Natural Sciences has a highly specialized education acquired under the supervision of leading scientists and is prepared to undertake independent scientific and teaching activities at universities and research institutes. In addition, the graduate gains extensive knowledge beyond the discipline in which he/she prepares his/her doctoral dissertation, as well as skills in conducting scientific and teaching activities.

# ACADEMIC DISCIPLINES



**biological sciences**  
limit of 17 places



**astronomy**  
limit of 5 places



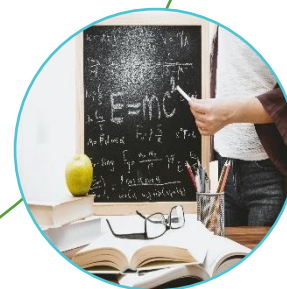
**Earth and related  
environmental sciences**  
limit of 11 places



**mathematics  
and computer sciences**  
limit of 22 places



**chemical sciences**  
limit of 18 places



**physical sciences**  
limit of 27 places

# SCHOLARSHIP

In accordance with Art. 209 of the act of 20 July 2018 – The Law on Higher Education and Science, a doctoral student who does not hold a degree of doctor shall receive a doctoral scholarship. The total period of receiving the doctoral scholarship at doctoral schools shall not exceed 4 years. The amount of a monthly doctoral scholarship shall be at least: 37% of a professor's salary – up to the month in which the mid-term evaluation was conducted; 57% of a professor's salary – after the month in which the mid-term evaluation was conducted. The amount of the minimum basic salary of a professor is currently PLN 7210 gross. The above-mentioned amounts may change if the Ministry responsible for higher education and science decides to announce a new base a professor's salary.

Each doctoral student (who does not hold a degree of doctor) receives a scholarship in the amount not less than:

- PLN **2667.70\*** gross for the first two years of studies (before the mid-term evaluation);
- PLN **4109.70\*** gross in the next two years after the mid-term evaluation.

Supplement for people with disabilities: PLN 800.31

\*The amounts shown are for doctoral students admitted in the limit recruitment.



## SUPERVISOR



It is worth starting the recruitment process to a doctoral school at the University of Warsaw by finding a supervisor, who are willing to provide care for the doctoral student and perform scientific supervision over their research project. In order to find a supervisor, candidates for the Doctoral Schools are encouraged to search through the database of supervisors. The database contains the list of University of Warsaw researchers, who are willing to perform the function of the dissertation supervisor.

[promotorzy.szkolydoktorskie.uw.edu.pl/en/search](http://promotorzy.szkolydoktorskie.uw.edu.pl/en/search)

Please note that not all potential supervisors are on the list. The candidates are also encouraged to consult the websites of the University of Warsaw faculties and academic units for the information on academic teachers conducting their research.

[en.uw.edu.pl/about-university/faculties/](http://en.uw.edu.pl/about-university/faculties/)

**A**ccording to the School Regulations, a potential supervisor can only be a person with:

- the habilitated doctor (doktor habilitowany) degree or an equivalent degree or the title of professor as well as has to be an employee of the University of Warsaw or the employee of the institution co-running the School (Institute of Mathematics Polish Academy of Sciences);
- the status of retired professor at the University of Warsaw.

The dissertation supervisor can be a person, who remains a dissertation supervisor for no more than five doctoral students or persons applying for being awarded the doctor degree (e.g. participants of doctoral studies who have initiated a doctoral dissertation process). In exceptional instances, the Director of School may increase this limit.



# RECRUITMENT SCHEDULE



8 May – 19 June 2023

registration in the system of Internet Recruitment for Candidate (IRK)

application for admission to the School, payment of the admission fee (PLN 200)

until 30 June 2023

sending recommendation letters

until 4 July 2023

publication of the interview schedule

4 July – 21 July 2023

qualification procedure

until 4 Aug. 2023

announcement of the ranking list

7 Aug. – 21 Sept. 2023

accepting documents from qualified candidates

until 30 Sept. 2023

announcement of the list of accepted candidates

October 2023 – beginning of education

# HOW TO APPLY



1

See the admission requirements for the Doctoral School of Exact and Natural Sciences in the discipline of Earth and Related Environmental Sciences.



2

Register in the Internet Recruitment for Candidate (IRK) system: [irk.uw.edu.pl](http://irk.uw.edu.pl)



3

Complete your personal details and submit all the necessary documents.



4

Pay the admission fee to the individual account visible in the IRK system.



5

Check the Doctoral School's website for qualification examination and interview dates.



6

Take the exam and interview by the deadline.



7

Check the Doctoral School's website and the IRK system for the results of the qualification proceedings.



8

Submit the required documents to the office of the Doctoral School of Exact and Natural Sciences.

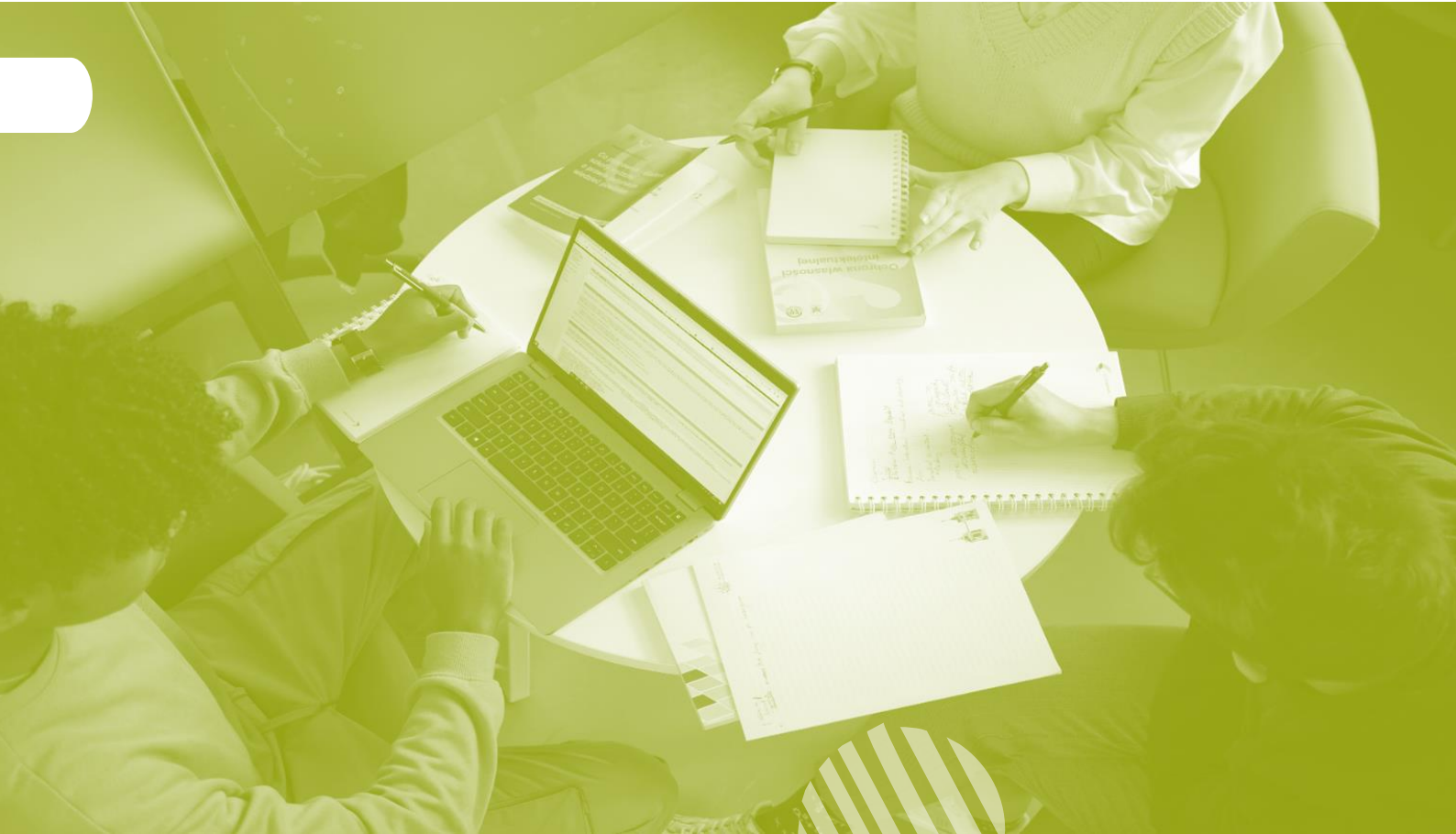


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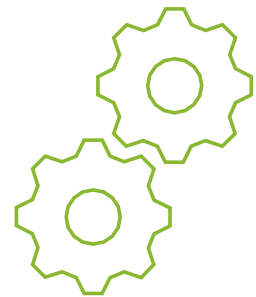
Once you have received information in the IRK system about your admission to the Doctoral School, follow the instructions provided by the office of the School.



# REQUIRED DOCUMENTS



The candidate shall submit a School admission application only through the Internet Recruitment for Candidate (IRK). Once all required documents are attached in the system of IRK, pages are saved, and the fee is paid, no further steps need to be taken. The application is saved and does not need to be submitted.



# THE APPLICATION SHALL INCLUDE

**1**

indication of the selected discipline in which the candidate plans to pursue education or in the case of applying for the Interdisciplinary Doctoral School – fields of science with the specification of the leading field (and where there is no leading field – at least two equivalent disciplines), PESEL number or passport number, nationality, contact information (residence address, e-mail address, telephone number), information whether the candidate agrees to receive administrative decisions by means of electronic communication, consent for processing of personal data for the purposes of the admissions procedure;

**2**

**(applies to candidates holding a Master's degree or an equivalent degree obtained under separate regulations or, in accordance with their declaration, who shall hold such a degree by 21 September 2023)** a scan of the graduation diploma of uniform master's degree or postgraduate studies or an equivalent diploma obtained under separate regulations, or in the case of candidates pursuing education in the European Higher Education Area – a certificate of holding a master's degree or a statement that the diploma or certificate confirming the award of a master's degree will be delivered by 21<sup>st</sup> of September 2023, in the case of a diploma equivalent to a uniform master's degree or postgraduate studies graduation diploma, a candidate shall justify such equivalence. In case the diploma was issued in a language other than Polish or English, the candidate shall attach its certified translation;

**(applies to candidates who are a graduate of a first degree program or a students who have completed the third year of a unified master degree program, and have been approved by the Director in consultation with the qualification team to be considered for admission due to their exceptional, superior scientific achievements demonstrated so far)** the candidate shall attach the Director's consent.

3

a description of the initial research project proposal in English; The description may not exceed four pages, font type: Times New Roman or equivalent, font size: at least 11 points, line spacing: 1, upper and lower margin: at least 1.5 cm, side margins: at least 2 cm, the references shall be include in the page limit;

4

a resume or CV outlining the candidate's scientific activity, including scholarly interests and achievements during the five calendar years preceding the application (if a candidate became a parent during this time, as evidenced by a scan of the child's birth certificate attached to the application, this period shall be extended by two years for each child), including, but not limited to:

- publications,
- research and organizational work at student research groups,
- participation in scientific conferences,
- participation in research projects,
- awards and honorable mentions,
- research internships,
- research skills training programs completed,
- activities promoting science,
- activity in science movement representative bodies,
- average of their university grades,
- professional career,
- level of proficiency in foreign languages;

5

scans of materials evidencing scientific activity mentioned in their CV and/or resume;

6

a document confirming at least B2 proficiency level in English or a declaration of the level of proficiency in English allowing education at the School;

7

the scan of a declaration by the planned supervisor, confirming their agreement to undertake the duties of a supervisor and of the number of doctoral students, for whom they perform the duties a designated supervisor, in accordance with the template constituting Appendix no.4 to the Resolution no. 17 of the Senate of the University of Warsaw of 20th January 2021 on rules of admission to doctoral schools at the University of Warsaw (the University of Warsaw Monitor of 2021, item 142), the candidate may also attach a scan of their planned supervisor's opinion and opinions of other academics about the candidate and their scientific activity and/or proposed research project;

8

the photograph of a candidate's face that allows for their identification;

9

a declaration confirming whether the candidate was or is a doctoral student or a participant of doctoral studies or whether they have initiated a doctoral dissertation process or whether proceedings to award them a doctoral degree have been initiated – and if yes, the title of their doctoral dissertation or the research project prepared by a candidate, including the name and last name of the candidate's tutor or supervisor;

10

a declaration confirming that they have reviewed the Resolution no. 17 of the Senate of the University of Warsaw of 20 January 2021 on rules of admission to doctoral schools at the University of Warsaw (the University of Warsaw Monitor of 2021, item 142) and Articles 40 and 41 of the Code of Administrative Procedure;

11

abstract of the master's thesis or master's project in English (up to 3,000 characters with spaces);

12

scanned transcripts of records of the graduate and postgraduate studies or the uniform Master's degree studies, or equivalent documents (e.g. diploma supplement);

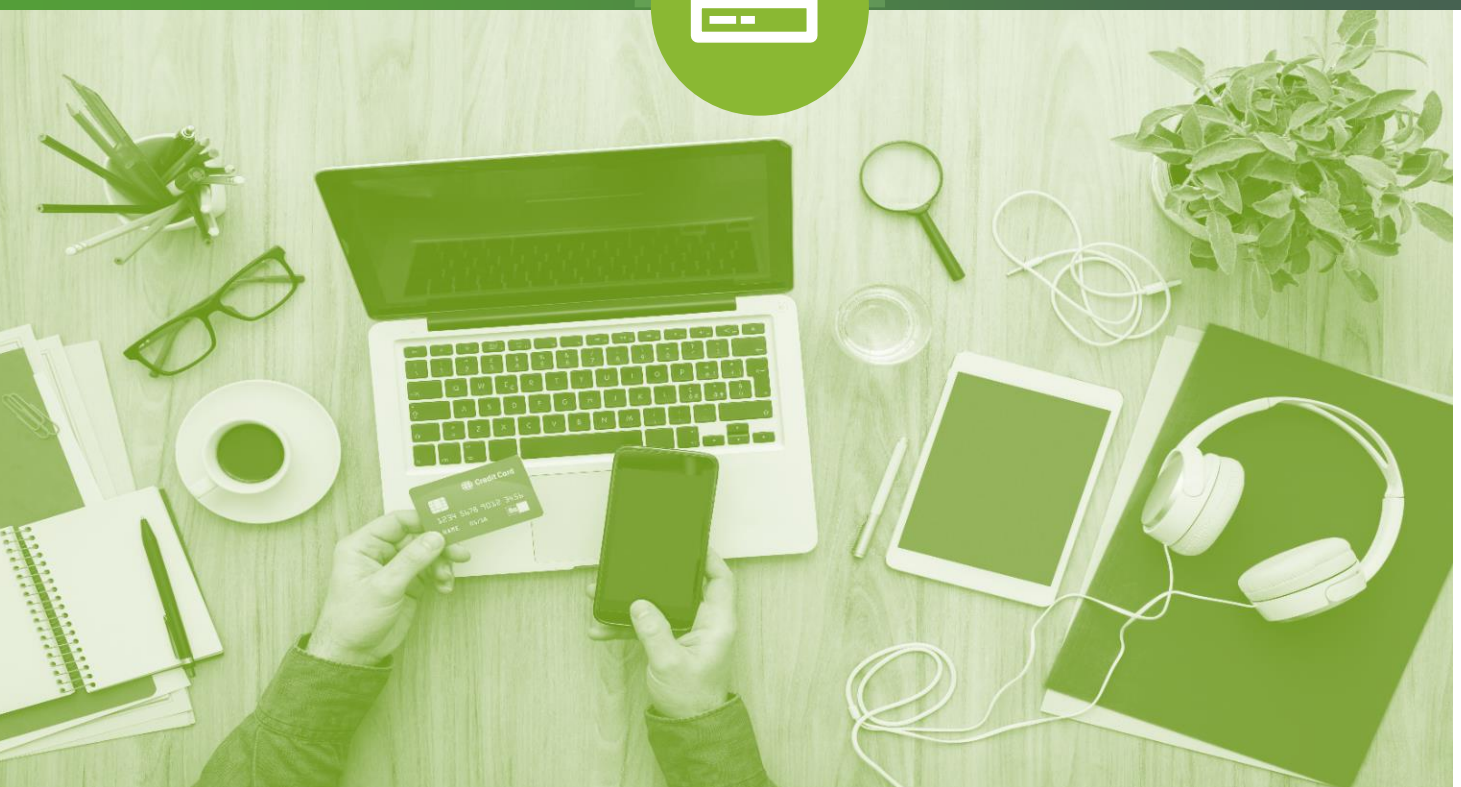
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contact data of two persons who will send recommendation letters regarding the candidate directly to the address **sd.nsp.nzs@uw.edu.pl**, which is specific for a given disciplines. It is the candidate's responsibility to ensure that the person who makes the recommendation sends the letter. A failure of receiving the recommendation letters does not mean that the application for admission to the School is incomplete; the letters may be taken into consideration when evaluating the candidate's scientific potential;

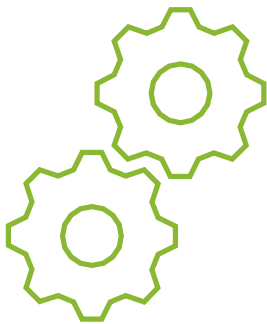


# RECRUITMENT FEE

The recruitment fee is PLN 200 and is paid to the candidate's individual account generated in the IRK system.



## INSTRUCTION FOR COMPLETING THE APPLICATION FOR ADMISSION TO THE SDNSP



In order to complete the application for admission to the Doctoral School of Exact and Natural Sciences correctly, there have been the instructions published on the School's website, which may be helpful when registering in the **Internet Recruitment of Candidates (IRK)** system.

# QUALIFICATION PROCEDURE

one-stage procedure

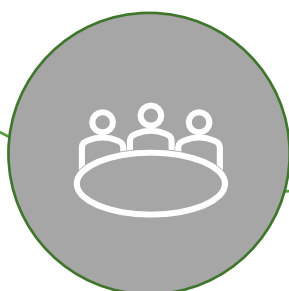


**initial research project  
proposal**  
5 points

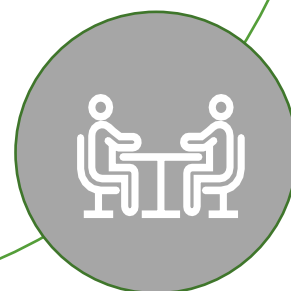
**100**  
points



**scientific activity  
of the candidate**  
15 points



**qualification examination**  
40 points



**interview**  
40 points



# ASSESSMENT CRITERIA AND METHODS

## 5 points

### Initial research project proposal

When evaluating the initial research project proposal, the following shall be taken into account:

- 1) the feasibility of the project in the context of documented competencies of the candidate;
- 2) the academic importance of the project;
- 3) anticipated added value for the scientific community of the academic discipline.

## 15 points

### Scientific activity of the candidate

When evaluating scientific activity, the following elements, confirmed by means of scanned documents, shall be taken into account:

- 1) scientific publications (a scan of the front page is required; in the case of multi-author achievements, the percentage share of the candidate's participation in the achievement must be defined)
- 2) confirmed participation in student competitions;
- 3) confirmed participation in research projects (a scan of the certificate issued by the project coordinator is required);
- 4) presentations delivered or seminar and conference messages (a scan confirming presentation delivery is required);
- 5) documented research internships;
- 6) achievements within students' research groups (a scan of the certificate signed by the chairperson of the group is required).

## 40 points

### Qualification examination

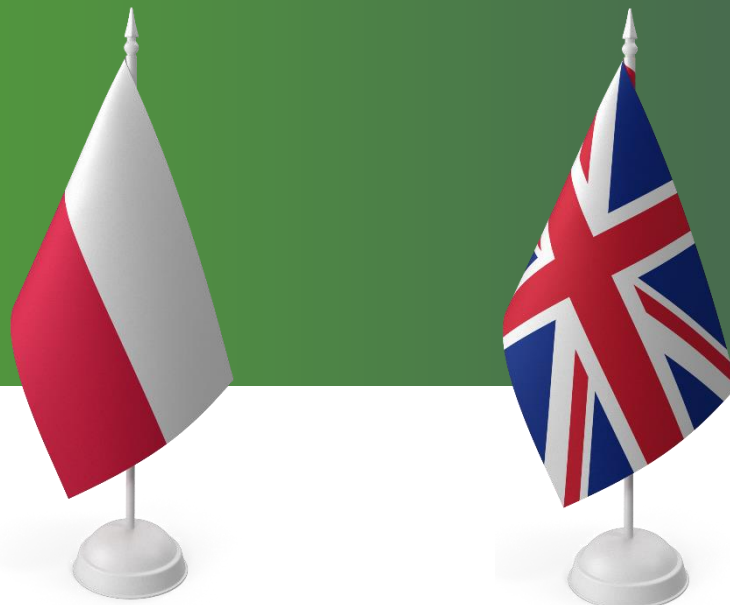
Verifying the candidate's knowledge and skills within the particular academic discipline in oral form.

**40 points****Interview**

The interview entails an assessment of the candidate's scientific potential. The interview may comprise the following elements:

- 1) discussion of the candidate's Master's thesis (understanding of the subject, research hypotheses, their implementation, results obtained and conclusions);
- 2) questions about the academic record and the course of the graduate and postgraduate studies or the uniform Master's degree studies, including subjects related to the doctoral dissertation;
- 3) questions pertaining to information included in letters of recommendations, including the nature and results of cooperation of the candidate with the authors of these letters;
- 4) questions pertaining to the doctoral project and other information included in the documentation submitted by the candidate.

The interview shall be held in Polish or English, according to candidate's preferences indicated in the IRK. If Polish is selected, a part of the interview may be held in English.



# CONDITION OF ADMISSION TO THE SCHOOL



The requirement for admission to a School shall be a place on the Ranking list that is within the limit of places and getting no less than 50 points from the entire qualification procedure.

# SCOPE OF THE QUALIFICATION EXAMINATION



**The scope of the qualification examination will be related to the subject of the candidate's future PhD project.**

The scope of the exam, depending on the initial research project proposal, may include:

- biogeography;
- groundwater dynamics;
- atmospheric physics;
- soil science;
- geochemistry;
- geocology;
- geophysics;

- geoinformatics and cartography;
- quaternary geology;
- economic geology;
- geohazard;
- historical and regional geology;
- hydrogeochemistry;
- engineering geology;
- structural geology;
- ore geology;
- geomechanics;
- geomorphology;
- hydrogeology;
- hydrology;
- climatology;
- soil mechanics;
- mineralogy;
- environment protection;
- paleontology;
- petrology;
- sedimentology;
- remote sensing.

# CONTACT



[szkolydoktorskie.uw.edu.pl/sdnsip/](http://szkolydoktorskie.uw.edu.pl/sdnsip/)



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35%

