

University of Zagreb
Faculty of Science
Zagreb, Horvatovac 102a
announces

CALL FOR APPLICATIONS

for postgraduate university studies (doctoral studies) of *Biology, Physics, Geology, Chemistry, Mathematics, the Interdisciplinary Doctoral Study of Oceanology* and the *Doctoral Study of Geography: Space, Region, Environment, Landscape*, in the academic year 2020/2021, for obtaining the academic degree of PhD.

The doctoral studies are three-year programs carried out in accordance with the general acts of the University of Zagreb and the Faculty of Science, University of Zagreb (hereinafter: PMF), and in accordance with accredited study programs.

1. Applicants are entitled to enroll under the following conditions:

- for the postgraduate university study of *Biology*, the applicants who have completed the graduate university study of *Biology* at the PMF or equivalent graduate university study with average grade of at least 3.50
- for the postgraduate university study of *Physics*, the applicants who have completed the graduate university study of *Physics*, engineering/research, at the PMF for modules: *Elementary Particle Physics, Nuclear Physics, Condensed Matter Physics, Atomic and Molecular Physics and Astrophysics, Biophysics and Medical Physics*, or graduate university study of *Physics-Geophysics* at the PMF for module *Geophysics*, or equivalent graduate university study with average grade of at least 3.50
- for the postgraduate university study of *Geology*, the applicants who have completed the graduate university study of *Geology* at the PMF or equivalent graduate university study with average grade of at least 3.50
- for the postgraduate university study program – *Doctoral Study of Geography: Space, Region, Environment, Landscape*, the applicants who have completed the graduate university study of *Geography*, integrated undergraduate and graduate university study program of *Geography* (double-major) or equivalent university graduate study with average grade of at least 3.50 (total and individual average grade at undergraduate and graduate study). The applicants who have completed the graduate university study, but have not previously completed the undergraduate university study are not entitled to enroll.
- for the postgraduate university study of *Chemistry*, the applicants who have completed the graduate university studies of *Chemistry* or *Molecular Biology* at the PMF or equivalent graduate university study with average grade of at least 3.50
- for the postgraduate university study program – *Interdisciplinary Doctoral Study of Oceanology*, the applicants who have completed the graduate university studies of *Biology, Physics, Physics-Geophysics, Geology, Geography, Chemistry* or *Mathematics* at the Faculty of Science or equivalent graduate study with average grade of at least 3.50
- for the postgraduate university study of *Mathematics*, the applicants who have completed the university graduate study of *Mathematics* at the PMF or equivalent graduate university study with average grade of at least 3.50.

2. The right to enroll in the study programs referred to in item 1 hereof, except the postgraduate university study of *Biology*, may also have applicants with the average grade of less than 3.5, but not less than 3.0, with an enclosed written explanation and well-documented statement of intent, including two letters of recommendation. These shall be evaluated by the authorized Committee. To enroll in the *Doctoral Study of Geography: Space, Region, Environment, Landscape*, the applicant shall submit a detailed explanation from the intended supervisor. The written statement of intent, together with the required attached documents shall be submitted with the application for this Call.

3. The right to enroll in the study programs referred to in item 1 hereof may also have applicants who have completed the postgraduate study and who have acquired Magister of Science degree (*magisterij znanosti*) in the relevant field, in the manner and in accordance with a special decision of the competent Council of the related Department of the PMF.

4. The applicant who has completed the graduate university study that is not fully suitable for enrollment in the study in accordance with item 1 hereof, may enroll in the postgraduate university study provided that differential courses according to the program of relevant graduate university studies at the PMF are taken and the appropriate number of

ECTS credits are earned. The ECTS credits earned by taking differential courses do not enter the credit system of postgraduate study.

5. Tuition fees for the postgraduate university studies are determined for each year of the study program separately as follows:

Postgraduate university study of *Biology*:

1 st year	HRK 20,000.00
2 nd year	HRK 15,000.00
3 rd year	HRK 10,000.00

Postgraduate university study of *Physics*:

1 st year	HRK 8,000.00
2 nd year	HRK 8,000.00
3 rd year	HRK 8,000.00

Postgraduate university studies of *Geology, Chemistry, the Interdisciplinary Doctoral Study of Oceanology*:

1 st year	HRK 12,000.00
2 nd year	HRK 10,000.00
3 rd year	HRK 8,000.00

Postgraduate university study program – *Doctoral Study of Geography: Space, Region, Environment, Landscape*:

1 st year	HRK 12,000.00
2 nd year	HRK 7,000.00
3 rd year	HRK 5,000.00

Postgraduate university study of *Mathematics*:

1 st year	HRK 20,000.00
2 nd year	HRK 20,000.00
3 rd year	HRK 20,000.00

6. The tuition fees for the postgraduate university studies referred to in item 5 hereof cover the costs of classes at the postgraduate university study, but not the cost of doctoral thesis research.

7. Students are required to present a proof of payment of the tuition fee referred to in item 5 hereof to the authorized Office for Postgraduate Studies when enrolling in the academic year, in the manner and in accordance with a special agreement on the regulation of rights and obligations between the students and the PMF. Without proof of payment, the student cannot enroll or validate the year of study.

8. A student may be partially or fully exempted from paying tuition fees of the postgraduate university study referred to in item 5 hereof, in the manner and under the conditions determined by a special decision of the Faculty Council of the PMF.

9. Along with the application form that may be found on the website of the PMF (http://www.pmf.unizg.hr/en/postgraduate_studies), the applicant undertakes to enclose the following:

- Curriculum Vitae
- a diploma of completed graduate university study (certified transcript or certified photocopy or certified certificate of completion); or, if the applicant has not yet graduated, but passed all exams from the study program of the graduate university study, a transcript of records of all exams and a written statement from the supervisor that the applicant's diploma or master's thesis is in the final stage
- a certified photocopy of the certificate of citizenship or the e-certificate of citizenship (Croatian citizens), or a document proving the citizenship (foreign citizens)
- a certified transcript of records with calculated average grade (transcript of records of all grades obtained at the undergraduate and graduate university level, with calculated average grade); if the Croatian grading system is not

used in the attached transcript of records, it is necessary to indicate the comparability of the attached grading system with the ECTS credit system (A, B, C, D, E, F)

- a decision on academic recognition of foreign higher education qualifications (for applicants who have completed the university studies abroad)
- a certificate of knowledge of Croatian (for foreign citizens) or English language
- a consent of the scientific institution in which the applicant intends to develop a doctoral thesis (only for doctoral studies of *Biology, Geology, Chemistry* and *Interdisciplinary Doctoral Study of Oceanology*)
- an evidence of prior scientific and professional work (offprints of scientific and professional papers and conference reports), if any.

The applicant shall submit additional documents for the postgraduate university studies of *Biology* and *Chemistry*, as follows:

- letters of recommendation from the supervisor of the master's (magister for mr.sc.) thesis and the intended supervisor of the doctoral thesis
- a short research proposal that will be carried out as part of the doctoral thesis, co-signed by the intended supervisor.

The applicant shall submit a written consent from the intended supervisor as an additional document for the *Doctoral Study of Geography: Space, Region, Environment, Landscape, Geology* and the *Interdisciplinary Doctoral Study of Oceanology*.

The applicants with the attached letter of recommendation from the intended supervisor shall have priority when enrolling in the doctoral study of *Physics*.

10. The applications with all attached documents shall be considered by the authorized Councils for Doctoral Studies. The decisions on enrollment in the postgraduate (doctoral) university studies shall be made by the authorized Councils of the Departments of the PMF based on the assessments of the authorized Councils for Doctoral Studies, which are made upon interviews with applicants, where the success at the undergraduate and graduate level of university studies, the applicant's interest in scientific work and the suitability of the applicant's field of research for the doctoral study are evaluated.

The assessment on enrollment in the postgraduate university study the *Doctoral Study of Geography: Space, Region, Environment, Landscape* additionally include the evaluation of the following:

- written elaborations of scientific research proposal topics (research) within the doctoral study,
- previous scientific and professional work, evaluated against certain criteria, different weights, of which at least one shall be met. The criteria are: published peer-reviewed scientific paper, received the Rector's Award, published peer-reviewed professional paper, active participation in a scientific conference, active participation in a professional conference, participation in a scientific project, participation in a geographically relevant professional project.

Incomplete applications, in terms of lack of required documents, shall not be considered.

11. The applications for the postgraduate university studies of *Biology, Geology*, the *Interdisciplinary Doctoral Study of Oceanology, Chemistry, Physics* and the *Doctoral Study of Geography: Space, Region, Environment, Landscape* shall be submitted by **September 5th 2020**, as follows:

- for the doctoral study of *Biology* by e-mail to **pdsbiol.prijave@biol.pmf.hr** or by post to the address: Biološki odsjek PMF-a, Referada za poslijediplomske studije, Rooseveltov trg 6, 10000 Zagreb
- for the doctoral study of *Geology* and *Interdisciplinary Doctoral Study of Oceanology* by e-mail to **doktorskistudij@geol.pmf.hr** or by post to the address: Geološki odsjek PMF-a, Referada za poslijediplomske studije, Horvatovac 102a, 10000 Zagreb
- for the *Doctoral Study of Geography: Space, Region, Environment, Landscape* by e-mail to **upis_pds@geog.pmf.unizg.hr** or by post to the address: Geografski odsjek PMF-a, Referada za poslijediplomske studije, Marulićev trg 19, 10000 Zagreb
- for the doctoral study of *Chemistry* by e-mail to **pdschem.prijave@chem.pmf.hr** or by post to the address: Kemijski odsjek PMF-a, Referada za za poslijediplomske studije, Horvatovac 102a, 10000 Zagreb
- for the doctoral study of *Physics* by e-mail to **doktfiz@phy.hr** or by post to the address: Fizički odsjek PMF-a, Referada za poslijediplomske studije, Bijenička cesta 32, 10000 Zagreb.

12. The applications for the doctoral study of *Mathematics* shall be submitted by **October 7th 2020**, by e-mail to

doktorski@math.hr or by post to the address: Matematički odsjek PMF-a, Referada za poslijediplomske studije, Bijenička cesta 30, 10000 Zagreb.

13. The results will be published on the website of the PMF and faculty departments according to the identification designations that will be assigned to the applicants when submitting the application. The published results will be removed from the website of the PMF and faculty departments upon the end of the enrollment procedure according to the call for applications in question.