

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

CALL FOR APPLICATIONS

for enrolment in postgraduate university studies (doctoral studies) in **Biology, Physics, Geology, Chemistry, Mathematics, Interdisciplinary doctoral study in Oceanology, and Doctoral study in Geography: space, region, environment, landscape**, for the acquisition of academic degree of PhD in the academic year 2019/2020.

All doctoral studies are three-year programmes. Classes are organized in the form of lectures, seminars, exercises, consultations and other forms of teaching. A student is obliged to attend classes and to fulfil all other assignments defined by the study programme. At the end of the academic year, the student is obliged to regulate his/her status either by re-enrolling to the same year or enrolling in the next higher year of the study programme. Requirements for enrolling in the next higher year are defined by the respective study programme. On the application for re-enrolment of the same year, the authorized Council of doctoral study decides based on the written request under the terms of the Faculty council's decision referred to in clause 8 of this Call. A student who does not regulate his/her status at the Faculty loses student status.

1. **Applicants achieve the right to enrolment** under the following conditions:

- **for postgraduate university study in *Biology*** those applicants who have acquired a degree of (under)graduate study in biology at the Faculty of Science or in equivalent (under)graduate study at other faculties and universities with the lowest average grade of 3.50
- **for the postgraduate university study in *Physics*** (major modules: elementary particle physics, nuclear physics, physics of condensed matter, atomic and molecular physics and astrophysics, biophysics, medical physics), those applicants who have acquired a degree in research-oriented (under)graduate study in physics, or physics-geophysics for field of geophysics, at the Faculty of Science or in equivalent (under)graduate study at other faculties and universities with the lowest average grade of 3.50*
- **for postgraduate university study in *Geology*** those applicants who have acquired a degree of completed (under)graduate study in geology at the Faculty of Science or a degree of completed another equivalent (under)graduate study at other faculties and/or universities with the lowest average grade of 3.50*
- **for postgraduate university study *Doctoral study in Geography: space, region, environment, landscape*** those applicants who have acquired a degree of completed (under)graduate study in geography or an integrated five-year university study in geography (double major) with the lowest average grade of 3.50 (in total and individually in undergraduate and graduate study), or a degree of equivalent university (under)graduate program at other faculties and universities with the lowest average grade of 3.50 (in total and individually in undergraduate and graduate study). The applicants who have completed a graduate university study cannot achieve the right to enrolment, if they have not previously completed university bachelor's program.
- **for postgraduate university study in *Chemistry*** for those applicants who have acquired a degree of the university (under)graduate study in chemistry or molecular biology at the Faculty of Science or in equivalent university (under)graduate study at other faculties and universities with the lowest average grade of 3.50*
- **for postgraduate university study *Interdisciplinary doctoral study in Oceanology*** those applicants who have acquired a degree of completed university (under)graduate study at one of the university (under)graduate study of the Faculty of Science (biology, physics, geophysics, geology, geography, chemistry and mathematics) or a degree of completed another equivalent (under)graduate study at other faculties and / or universities with the lowest average grade of 3.50*
- **for postgraduate doctoral study in *Mathematics*** those applicants who have acquired a degree of completed university (under)graduate study in mathematics at the Faculty of Science or a degree of completed other equivalent (under)graduate study at other faculties and/or universities with the lowest average grade of 3.50.*

2. **The right to enrolment** in all the studies referred to in clause 1 of this Call, except the doctoral study in *Biology*, may also acquire applicants with the average grade lower than 3.5, but not lower than 3.0. These applicants should enclose a written explanation and well-documented request including a written explanation why they want to study this programme and two letters of recommendation. Applications will be evaluated by an authorized department committee. To enrol on the *Doctoral study in Geography: space, region, environment, landscape*, the applicant is obliged to submit a detailed explanation by the potential supervisor. The written explanations, together with the required attachments, shall be submitted with the application for the Call.

3. **The right to enrolment** in the studies referred to in clause 1 of this Call may also be achieved by applicants who have completed their postgraduate study and acquired Master of Science degree in the relevant field in a manner and in

accordance with a specific decision of the Council of the related Department.

4. The applicants with completed (under)graduate studies that do not entirely correspond with enrolment requirements for the doctoral study in accordance with clause 1 of the Call, may enrol in postgraduate study with the assignment of supplemental courses according to the curricula of the corresponding (under)graduate study of the Faculty of Science, thus achieving appropriate number of ECTS credits. ECTS credits achieved by taking different (under)graduate courses will not be included in the doctoral study system.

5. The costs of postgraduate study (tuition fees) are determined for each academic year separately and are as follows:

for postgraduate university study in *Biology*:

1. year HRK 20 000,00
2. year HRK 15 000,00
3. year HRK 10 000,00

for postgraduate university study in *Physics*:

1. year HRK 8 000,00
2. year HRK 8 000,00
3. year HRK 8 000,00

for postgraduate university studies in *Geology, Chemistry, Interdisciplinary doctoral study in Oceanology*:

1. year HRK 12 000,00
2. year HRK 10 000,00
3. year HRK 8 000,00

for postgraduate university study *Doctoral study in geography: space, region, environment, landscape*:

1. year HRK 12 000,00
2. year HRK 7 000,00
3. year HRK 5 000,00

for postgraduate university study in *Mathematics*:

1. year HRK 20 000,00
2. year HRK 20 000,00
3. year HRK 20 000,00

6. The costs of postgraduate study from the previous clause of this Call include the costs of administration and classes at the postgraduate university study, but not the cost of the doctoral thesis research.

7. Students are required to submit proof of tuition fee payment defined under clause 5 of this Call to the authorized Registrar's office for postgraduate studies when enrolling or validating the academic year, all in the manner and accordance with a special agreement on the regulation of rights and obligations between the student and the Faculty of Science. Without proof of payment, the student cannot enrol or validate a year of study.

8. A student may be exempt from payment of part or all of the costs of postgraduate study referred to in clause 5 of this Call in the manner and under the conditions determined by a special decision of the Faculty Council.

9. Together with the application for the Call using the form which can be found on the web site of the faculty (<http://www.pmf.unizg.hr/>) the applicant is required to enclose:

- CV
- degree certificate (diploma) of (under)graduate study (certified transcript or certified photocopy)
- certified copy of the citizenship certificate or e-citizenship certificate (Croatian citizens) or a document from which citizenship is visible (foreign citizens)
- certified transcript of the grades with the calculated average (certificate of transcript of all grades acquired in undergraduate study and calculated average of the grades); if in the enclosed transcript of the evaluation the Croatian grading scale (1-5) is not used, it is necessary to indicate correspondence to the ECTS grading scale (A, B, C,

D, E, F)

- decision on the recognition of foreign higher education qualifications (for applicants who have completed university studies abroad)
- certificate of knowledge of Croatian or English language (for foreign citizens)
- consent of the institution in which the doctoral thesis will be prepared (only for Biology, Geology, Chemistry and Interdisciplinary doctoral study in Oceanology studies, while for other studies no prior consent is required)
- if existing, evidence of prior scientific and expert work (offprints of scientific and expert works and conference reports)

Additional documents that should be submitted for doctoral studies in *Biology* and *Chemistry* are:

- Letters of recommendations of the supervisor of the Master's (graduate) thesis and a potential supervisor of the doctoral thesis
- a short proposal of a research that would be carried out within the framework of the doctoral thesis, signed by a potential supervisor

The additional document that shall be submitted for the *Doctoral study in Geography: space, region, environment, landscape*, doctoral study in *Geology* and *Interdisciplinary doctoral study in Oceanology* is the written letter of consent of a potential supervisor.

For doctoral study in *Physics*, priority will be given to the candidates who will enclose the recommendation of a potential supervisor of the doctoral thesis.

10. Applications for the Call, together with all attachments, will be evaluated by the authorized doctoral study Council.

The decisions on enrolment in postgraduate university doctoral studies are made by the Councils of the Faculty departments based on the opinions of the doctoral study Council, made after the interview with the applicants, after evaluating the success at the previous study, the motivation of the applicant for scientific work and the adequacy of the applicant's field of research with the doctoral study program.

Assessment of the applicants for the enrolment in the postgraduate university study, *Doctoral study in geography: space, region, environment, landscape* additionally includes the evaluation of:

- written elaboration of the proposal of the scientific-research topic (research) in the framework of the doctoral study
- previous scientific and professional work, which is evaluated through certain criteria of different weights, of which at least one must be satisfied. Criteria include: published reviewed scientific paper, Rector's awards, published reviewed professional work, 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, due to the lack of required attachments, will not be considered.

11. Deadline for the submission of application is 7th October 2019. Applications should be submitted as follows:

- for doctoral study in *Biology* in the Registrar's office for postgraduate studies of the Faculty of Science at Rooseveltov trg 6 or by ground mail to the address: Department of Biology of the Faculty of Science, the Registrar's office for postgraduate studies, Rooseveltov trg 6, 10000 Zagreb;
- for doctoral studies in *Geology and Interdisciplinary doctoral study in Oceanology* in the Registrar's office for postgraduate studies at the Faculty of Science at Horvatovac 102a or by post to the following address: Department of Geology of the Faculty of Science, the Registrar's office for postgraduate studies, Horvatovac 102a, 10000 Zagreb
- for *Doctoral study in Geography: space, region, environment, landscape* in the Registrar's office for postgraduate studies at the Faculty of Science at Marulićev trg 19 or by post to the address: Department of Geography of the Faculty of Science, the Registrar's office for postgraduate studies, Marulićev trg 19, 10000 Zagreb
- for doctoral study in *Chemistry* in the Registrar's office for postgraduate studies at the Faculty of Science at Horvatovac 102a or by post to the address: Department of Chemistry of the Faculty of Science, the Registrar's office for postgraduate studies, Horvatovac 102a, 10000 Zagreb;
- for doctoral study in *Physics* in the Registrar's office for postgraduate studies of the Faculty of Sciences at Bijenička cesta 32 or by post to the address: Department of Physics of the Faculty of Science, the Registrar's office for postgraduate studies, Bijenička cesta 32, 10000 Zagreb;
- for doctoral study in *Mathematics* in the Registrar's office for postgraduate studies of the Faculty of Science, Bijenička cesta 30 or by post to the address: Department of Mathematics of the Faculty of Science, the Registrar's office for postgraduate studies, Bijenička cesta 30, 10000 Zagreb.

12. The results will be published on the web site of the Faculty of Science, or web sites of the Faculty departments, using the identification marks to be given to the applicants when submitting the application for the Call. The published results will be removed from the web pages of the Faculty and the departments upon the end of the

enrolment process.

13. **Duration and completion of the study.** The doctoral student holds the right to complete a doctoral study under the conditions he/she has been enrolled, within eight years.