

**Public Competition Announcement
for PhD programmes 36th cycle
Academic year 2020/2021**

Art.1 – INSTITUTION

The Free University of Bozen/Bolzano (unibz) announces a public competition, by examination and/or qualification, for the admission to the following PhD programmes of the 36th cycle, starting from the academic year 2020/2021:

GENERAL PEDAGOGY, SOCIAL PEDAGOGY, GENERAL EDUCATION AND SUBJECT DIDACTICS (PED)

Duration: 3 years

Scientific areas:

- M-PED/01 – General and social pedagogy
- M-PED/02 – History of education
- M-PED/03 – General teaching and special pedagogy
- SECS-S/05 – Social statistics
- SECS-P/06 – Applied Economics
- L-ART/07 – Music and History of Music
- M-DEA/01 – Ethno-anthropological disciplines
- M-PSI/01 – Generale psychology
- M-PSI/04 - Developmental and Educational Psychology
- L-LIN/14 – Language and translation – German
- L-LIN/12 – Language and translation - English
- L-FIL-LET/09 – Romance philology and linguistics
- M-GGR/01- Geography
- SPS/07 – General Sociology
- SPS/08 – Sociology of Culture and Communication
- MAT/04 – Mathematics Education and History of Mathematics
- FIS/08 – Physics Teaching and History of Physics

Official course languages: Italian, English and German

A public competition for the allocation of **6** places is announced, divided as follows:

- 5 places will be covered by grant* and 2 without grant

COMPUTER SCIENCE (INF)

Duration: 4 years

Scientific areas:

- INF/01 – Computer science
- ING-INF/05 – Information processing systems
- MAT/08 - Numerical analysis

Official course language: English

A public competition for the allocation of **21** places is announced, divided as follows:

- 18 places will be covered by grant* and 3 without grant

MOUNTAIN ENVIRONMENT AND AGRICULTURE (MEA)

Duration: 3 years

Scientific areas:

- AGR/01 - Agricultural economics and rural appraisal
- AGR/03 - Arboriculture and fruitculture
- AGR/05 - Forest management and silviculture
- AGR/08 - Agricultural hydraulics and watershed protection
- AGR/09 - Agricultural machinery and mechanization
- AGR/11 - General and applied entomology
- AGR/13 - Agricultural chemistry
- AGR/19 – Animal science
- BIO/03 - Environmental and applied botany
- CHIM/06 – Organic chemistry
- GEO/04 – Physical geography and geomorphology

Official course language: English

A public competition for the allocation of **11** places is announced, divided as follows:

- 8 will be covered by grant*, 2 places without grant, and 1 reserved for students of foreign countries receiving already a scholarship.

SUSTAINABLE ENERGY AND TECHNOLOGIES (SET)

Duration: 3 years

Scientific areas:

- ICAR/01 - Hydraulics
- ICAR/02 – Hydraulic and marine constructions and hydrology
- ING-IND/08 – Fluid machinery
- ING-IND/10 - Thermal engineering and industrial energy systems
- ING-IND/11 - Building physics and building energy systems
- ING-IND/13 - Applied mechanics
- ING-IND/16 - Manufacturing technology and systems
- ING-IND/24 –Fundamentals of chemical engineering
- ING-IND/32 - Power electronic converters, electrical machines and drives
- ING-IND/35 - Business and management engineering

Official course language: English

A public competition for the allocation of **6** places are announced, divided as follows:

- 5 will be covered by grant* and 1 place without grant.

FOOD ENGINEERING AND BIOTECHNOLOGY (FEB)

Duration: 3 anni

Scientific areas:

- AGR/09 – Agricultural machinery and mechanization
- AGR/11 – General and applied Entomology
- AGR/13 – Agricultural chemistry
- AGR/15 – Food science and technology
- AGR/16 – Agricultural microbiology
- CHIM/10 – Food chemistry
- ING-IND/10 – Thermal engineering and industrial energy systems

- ING-INF/01 - Electronics

Official course language: English

A public competition for the allocation of **10** places is announced, distributed as follows:

- 8 will be covered by grants* and 2 without grant

ADVANCED-SYSTEMS ENGINEERING (ASE)

Duration: 3 Jahre

Scientific areas:

- ING-INF/01 – Electronic Engineering
- ING-INF/04 – Systems and Control Engineering
- ING-INF/05 – Information Processing Systems
- ING-IND/13 – Applied Mechanics
- ING-IND/14 – Mechanical, Design and Machine Construction
- ING-IND/15 – Design Methods for Industrial Engineering
- ING-IND/16 – Manufacturing Technology and Systems
- ING-IND/17 – Industrial, Mechanical Systems Engineering
- ING-IND/32 – Power Electronic Converters, Electrical Machines and Drives
- INF/01 – Computer Science
- FIS/03 – Physics of Matter
- MAT/07 – Mathematical Physics

Official course language: English

A public competition for the allocation of **11** places is announced, distributed as follows:

- 7 will be covered by grants*, 1 place is for research assistant, 2 places without grant and 1 position is for Industrial Phd students (*dottorato industriale*).

MANAGEMENT AND ECONOMICS (ECON)

Duration: 4 years

Scientific areas:

- AGR/01 - Agricultural economics and rural appraisal
- SECS-P/01 – Economics
- SECS-P/02 – Economic policy
- SECS-P/03 – Public economics
- SECS-P/05 - Econometrics
- SECS-P/06 – Applied economics
- SECS-P/07 – Accounting
- SECS-P/08 – Management
- SECS-P/09 – Corporate Finance
- SECS-P/10 – Organization and Human Resource Management
- SECS-S/01 – Statistics
- SECS-S/06 – Mathematical Methods of Economics, Finance and Actuarial Sciences

Official course language: English

A public competition for the allocation of **11** places is announced, distributed as follows:

- 9 will be covered by grants* and 2 places without grant.

Details for each programmes referred to in this article, such as research areas, possible research projects and their supervisors, study programmes, admission requirements, procedures and criteria for the choice and evaluation of applicants ranked can be found in the appendices, which are integral part of this announcement

The PhD programmes are due to commence on **November 1st 2020**.

This announcement is valid as the means of public notification to all intents and purposes. However, any changes, updates or supplements will be released **exclusively** through the university web page of the PhD program.

According to the D.M. 45/2013, all PhD programs are subject first to an accreditation process, and they depend on the evaluation of the ANVUR (National Evaluation Agency for the university and its research activity) which verify if the accreditation requirements comply with the rules. Winners can enrol only if the ANVUR's evaluation is positive.

*The places can be increased in the event that further funding is available from other universities, public research institutions or qualified private companies who are willing to provide funds after the publication of this call but before the call expires (13rd July 2020). Notification about the possible above mentioned increase will be announced only on the university webpage unibz on the PhD programs. Candidates who wish to be considered eligible for any additional grants which will fund specific projects, must make a specific request to the Selection Committee before the selection process so that they can also evaluate the applicant in this specific case.

Art. 2 – ADMISSION REQUIREMENTS

All citizen, regardless of sex, age and nationality may apply to be admitted to a PhD:

- Applicants holding a postgraduate degree as per Italian Ministerial Decree no. 509/1999, a postgraduate degree as per Italian Ministerial Decree no. 270/2004, a degree of the former Italian university system, or an equivalent degree obtained abroad;
- Applicants achieving one of the above mentioned titles within October 31st every year. In this case candidates will be admitted conditionally to the selection procedure **and they must produce the degree certificate within the enrolment's deadline. If not, their application is considered null and void.**

All applicants are eligible for selection, subject to verification of self-certified statements pursuant to Presidential Decree no. 445/2000 and subsequent amendments and additions. In the event of a false declaration, the university may order at any time, by order of the Rector, the exclusion of applicants from the selection process or from the PhD programme, without prejudice to the criminal liability arising therefrom.

Qualifications gained abroad which have not been officially recognised as equivalent to an Italian degree

Given the material presented, the Evaluation Committee will evaluate the equivalence to an Italian postgraduate degree, which will be valid only for this particular PhD competition. These applicants will be **admitted to the selection procedure conditionally** and will be excluded from the PhD programme if it becomes evident that the qualification is not consistent with the requirements listed in this announcement and thus, the applicant will not be able to enrol for the PhD programme.

The declaration of equivalent value

Applicants with a foreign qualification must certify that their qualification would grant them entry to a similar university course in the country where they achieved this qualification.

For that reason they must:

- apply for the "dichiarazione di valore" (declaration of equivalent value) at the Italian consulate or embassy abroad (the declaration must be applied as soon as possible since consulate or embassy can take a long time to process the request)
- upload the declaration within the enrolment's deadline in the application portal.

SUPERNUMERARY ADMISSION

Those who have already been selected under the European Union's Research Programmes or other international cooperation programmes (such as, for example, Erasmus Mundus, Marie Skłodowska-

Curie Actions etc.) may be admitted in supernumerary, even if they have not applied for the competition within the terms set out in the call for applications.

These candidates must apply for admission to the PhD program at the office Study and Tuition by the starting date of the course itself, provided that they are able to attend punctually and regularly the mentioned courses. Qualifications possessed will be checked anyway before official enrolment and prior approval of the PhD Course Committee. If a candidate obtained his/her master degree abroad, the PhD Course Committee will deliberate on the declaration of equivalence of the foreign qualification to the Italian system.

Art. 3 – APPLICATION FOR ADMISSION TO THE PUBLIC COMPETITION

Applications to the selection procedure can be submitted from the date of the announcement of the public competition.

Each application is subject to a payment of 30€ (thirty) for administrative expenses. This *contribution fee* cannot be reimbursed under any circumstances.

In order to apply, you need to follow these steps:

- 1) Create an account at <https://aws.unibz.it/exup/>
- 2) In the application portal, select the PhD programme and pay the registration fee of 30 (thirty) Euro (see instructions in the portal)
- 3) Fill in the online form in the same portal

You should upload the required attachments for every selected PhD programme in the portal. You can visualize the status of your application and your attachments with the help of colours (e.g. missing documents will be highlighted in red).

Evaluation can only take place on the basis of the documents you have uploaded in the portal by the deadline.

Completing the application online is the **only way** to submit the application. Applications will not be considered if:

- incomplete or without compulsory entry qualifications / requirements;
- sent by e-mail.

When creating the account you need to upload these documents in electronic format:

- a passport-size colour photo;
- a valid ID (passport or identity card, front/back).

In the specific attachments to the Call, one for each PhD programme, you can find a detailed list and description of the ADDITIONAL DOCUMENTS required to complete the application.

We recommend to check regularly the status of your online application and your e-mails to be aware of missing or wrong documents you may have uploaded in the portal.

The application must be completed **no later than 13 July 2020 at 12:00 midday (GTM +2:00)**.

In the application portal, applicants must upload, otherwise excluded:

- **if graduated in Italy:** diploma supplement or self-declaration (following the Italian D.P.R. no. 445/2000) of the degree awarded with the exams passed (if graduated) or just with the exams passed (if not graduated yet);
- **if graduated abroad:** diploma supplement or final degree certificate with exams passed (if graduated) or transcript of records (if not graduated yet) in Italian, German or English.

The above must contain the following information: final grade, exams passed with grade and date of passing, credit points, scientific fields (the latter only for Italian titles), university where the degree was or will be awarded and date of graduation.

For qualifications obtained abroad, also: scale of grades awarded by the university of provenance (with a minimum final grade to obtain the qualification and a maximum final grade achievable).

The Faculty reserves the right to request a description of the contents of the single courses and/or teaching hours where necessary.

Attention: It is recommended to enter the application well in advance and to control regularly the status of the application in the portal.

The University is not liable if the portal is overcharged, due to the net or do the software itself.

It will be impossible to integrate or change the application after July 13rd 2020 at 12:00 midday (GTM +2:00).

All applicants are admitted to the competition conditionally until the requirements for admission have been completely verified. The Free University of Bozen/Bolzano have the right to check by sampling (according to the provisions of art. 71 and subsequent of Presidential Decree no. 445/2000). The exclusion of applicants who do not have the requirements as per this announcement can be excluded any time for justified reasons by the Rector.

Art. 4 – SELECTION PROCEDURE

The selection procedure, the specific admission requirements and the dates of the examinations are mentioned in the descriptive appendices for the individual PhD programmes, which are an integral part of this announcement and are published in the university web pages of the PhD programs.

Applicants who are admitted to the exams have to sit the oral examination using audio and video teleconference facilities via the internet (e.g., Skype, Adobe Connect) and must ensure that they use a proper webcam to allow the Selection Committee to clearly identify them through a valid ID.

Art. 5 – SELECTION COMMITTEE

Each committee consists of three members chosen from tenured professors and university researchers who are experts in the scientific areas of the PhD Research Programme. The Committee may also include up to two experts, Italian or foreign, from public and private corporations or research institutes.

Once the entrance examinations are completed, the Selection Committee will draw up a ranking list, based on the number of points the applicants obtain from the various examinations, and then publish said information in the university web pages of the PhD programs.

Art. 6 – ADMISSION TO THE PHD PROGRAMME

Applicants will be admitted to the PhD programme according to the ranking list until all available places have been filled. In case of equal merit, the youngest candidate shall prevail (ex art. 3, paragraph 7, Law no. 127 of 15 May 1997, as amended by art. 2, paragraph 9 of Law no. 191 of 16 June 1998).

The ultimate ranking lists will be published on the university web pages of the PhD programs. The mentioned **publication is considered the official notification.**

If a successful applicant does not enrol or withdraws before the course enrolment date, the next applicant on the ranking list will be offered the place.

If a successful applicant withdraws or is excluded during the first quarter of the first year of the course, the PhD Course Committee may decide to fill the vacant place with the next applicant on the ranking list.

Art. 7 – ENROLMENT PROCEDURE

In order to enrol, the admitted applicants according to each ranking list need to:

1. PAYMENT OF THE UNIVERSITY FEES AND CONFIRMATION OF THE STUDY PLACE:

Access the application portal, choose the PhD programme and **pay with one of the methods indicated in the portal**, to confirm your study place (164.50 EUR - one hundred and sixty-four and fifty).

| Deadlines | From | To (no extension!) |
|------------------------|-------------------------------|----------------------------------|
| Students with grant | August, 18 th 2020 | August, 28 th 2020 |
| Students without grant | August, 31 st 2020 | September, 11 th 2020 |

If you do not meet this deadline, you will automatically lose your study place which will be offered to the next applicants in the ranking list.

Please note that payment does not allow you to get the student status, which will be acquired upon enrolment. If you have a confirmed study place but you do not enrol on time, there will be no refund of the university fees unless you do not pass your university final exam or, in the event of non-EU applicant's resident abroad, you do not receive the necessary documents from the Italian authorities in your country.

2. ENROLMENT:

in the application portal enrol online.

| Deadline | From | To (no extension!) |
|----------|-------------------------------|--|
| | August, 31 st 2020 | November, 6 th 2020, at 12 (GTM+1:00) |

It is recommended to start the enrolment procedure as soon as possible since it may be necessary to upload in time missing documents.

If you don't meet the deadline for enrolment, you will lose your study place, which will be offered to the next applicant in the ranking list.

| If you gained your qualification abroad you must upload the following documents (if not uploaded upon application): |
|---|
| <ul style="list-style-type: none"> official translation of your diploma into Italian (translation is not necessary if the certificates have been issued in a German or English-speaking area). |
| <ul style="list-style-type: none"> the diploma supplement of the master degree should state: that the student has achieved at least 120 credit points (ECTS) and that the study title gives access to a PhD Programme. |

- Declaration of equivalent value of the degree, if there is no diploma supplement. If the university degree was obtained abroad but has been already recognized in Italy, it is sufficient to attach a copy of the recognition decree.

At the beginning of the Phd Programme you have to submit the originals of the above mentioned documents to the Student Secretariat in Bolzano/Bozen. The Phd students enrolled to the Programme in General Pedagogy, Social Pedagogy, General Didactic and Subject Didactics have to submit the original copies to the Student Secretariat in Bressanone/Brixen.

If you are a non-EU citizen resident abroad:

The admitted applicants will have to apply at the Italian authorities in their own country for entry visa for studies/university.

According to Italian law, within 8 working days of your arrival in Italy, you must have applied for the permit to stay: as soon as you arrive you should go to the office Study and Tuition and you will get information in order to start the procedure.

Once you obtain your permit of stay for Italy (permesso di soggiorno), you are asked to bring it to the Student Secretariat personally or via e-mail.

Please note:

Enrolments received by means other than those listed above and / or beyond the terms provided for in this article will not be accepted.

Applicants are not allowed to enrol at more than one university or for more than one course at the same university.

Applicants who find themselves in a good position on the ranking lists of more than one PhD programme can only enrol for one of these programmes. Once they have enrolled, they lose the right to enrol for any of the other(s).

Applicants who intend to withdraw from the course and not enrol, or waive their right to a grant are requested to inform the university (by email or fax) as soon as possible and in any case before the enrolment deadline. Email: phd@unibz.it or fax: 0039 0471 012809.

Any changes will be published on the university websites of the PhD programs.

Art. 8 – TUITION FEES

For the PhD courses – 35th cycle in the 2020/2021 academic year, the following tuition fees should be paid at the time of enrolment and amount to € 164, 50 (one hundred sixty-four Euros and fifty cents, which includes the provincial tax for the right to study in higher education, of € 148, 50 (one hundred forty-seven and fifty cents), and a duty stamp of € 16, 00 (sixteen) in virtual form.

A refund of the fees paid cannot be claimed in case of suspension or withdrawal from studies.

Art. 9 - GRANTS

Grants are assigned following the ranking list drawn up by the Evaluation Committee. If an applicant decides to forego a grant, the next enrolled applicant on the ranking list will be offered the grant.

The yearly study grant amounts to **€ 17,000 gross**.

The study grant is also subject to national insurance contributions (INPS) according to current laws.

The grant is paid in monthly instalments.

The grant is increased by 50% for study periods spent abroad authorised. This increase in the grant applies to any continuous period of stay abroad, for a maximum of one year and a half.

The study grant is awarded for the entire length of the PhD Programme except in case of suspension or withdrawal from studies. Grants will be reconfirmed from one year to the next, unless the PhD Course Committee officially decides otherwise.

Grant holders are not employees of the university.

Grants cannot be combined with other grants or scholarships awarded for any purpose, except those awarded by national or foreign institutions which supplement, with stays abroad, the research activities of the student. Anyone who has already received a grant in Italy for a PhD programme cannot hold a further scholarship on the same purpose.

Art. 10 – RIGHTS AND DUTIES OF PHD STUDENTS

PhD students are obliged to attend the PhD courses and to carry out research activities according to the schedules and the regulations laid down by the PhD Course Committee.

More details can be found in the following document: [Regulations of Ph.D Degree programmes](#).

Grants financed by external bodies where specific research is required limit the grant holder to carry out only that specific work.

The university provides, for the duration of the course, insurance cover for accidents and damage to third parties that may occur during the activities related to the Ph.D.

According to art. 2 first paragraph, of law August 13, 1984 no. 476 and subsequent amendments, public servants who are admitted to a PhD programme may apply to be placed, for the duration of the programme, on leave without pay for study purposes, and may apply for a grant.

In the event of admission to PhD programmes without a grant, or if the student has refused a grant, the person on leave maintains his/her salary, social security and pension from the public administration which has established the working relationship. If, after obtaining the PhD degree, the employee discontinues his/her working relationship with the public administration in question within two years of the end of the course, s/he is obliged to return all sums received during the PhD programme.

Art. 11 – PERSONAL DATA PROTECTION ACT

The Administration of the Free University of Bozen/Bolzano, according to the European Regulation 2016/679, will use the applicants' personal data only for the selection procedure and for institutional purposes.

In observance of the above-mentioned law, participation in the selection requires the applicant to consent tacitly to the publication of his/her personal data and the data concerning the results of the selection procedure on the website of the Free University of Bozen/Bolzano.

Art. 12 – REFERRAL RULE

For matters not explicitly mentioned in the present competition announcement, art. 4 of law no. 210 of July 3, 1998, art. 19 of Law no. 240 of 30 December 2010, Ministerial Decree n. 45, February 8th, 2013, the "Regulations for PhD Research at the Free University of Bozen/Bolzano" with subsequent amendments and the "Regulations for research grants referred to in article 22 of Law no. 240/2010" shall apply.

Art. 13 – ADMINISTRATOR RESPONSIBLE FOR THE PROCEDURE

According to law no 241 of August 7, 1990 and subsequent amendments, dott. Karin Felderer is in

charge of this procedure. Address: Study and Tuition, Free University of Bozen/Bolzano, Piazzetta Franz Innerhofer 8, I-39100 Bozen/Bolzano – Tel. +39 0471 012805, fax +39 0471 012809, e-mail: phd@unibz.it