

# Research Grants - UIDP/MAT/00324/2020 - CMUC - L 801006

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## Where to apply

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Application Deadline: 03/06/2022 23:00 - Europe/London

## Contact Details

### Where to send your application.

**COMPANY**

Universidade de Coimbra

**E-MAIL**

cmuc@mat.uc.pt

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## Hiring/Funding Organisation/Institute

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**ORGANISATION/COMPANY**

Universidade de Coimbra

**COUNTRY**

Portugal

**DEPARTMENT**

Divisão de Projetos e Atividades (Bolsas)

**CITY**

Coimbra

**ORGANISATION TYPE**

Higher Education Institute

**STREET**

Rua Larga

**WEBSITE**

<https://www.uc.pt/administracao/dpa>

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**ORGANISATION/COMPANY**

Universidade de Coimbra

**LOCATION**

Portugal › Coimbra

**RESEARCH FIELD**

Other

**TYPE OF CONTRACT**

Temporary

**RESEARCHER PROFILE**

First Stage Researcher (R1)

**JOB STATUS**

Full-time

**APPLICATION DEADLINE**

03/06/2022 23:00 - Europe/London

**HOURS PER WEEK**

35

## REFERENCE NUMBER

UIDP/MAT/00324/2020

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# OFFER DESCRIPTION

## Call for Applications for PhD Research Grants

The Centre for Mathematics of the University of Coimbra opens a Call to apply for two research grants, hereinafter referred to as PhD Research Grants, in the field of Mathematics, under the terms of FCT Regulation for Research Fellowships (RBI) and the Research Fellowship Holder Statute (EBI).

The grants will be financed by the Foundation for Science and Technology (Fundação para a Ciência e a Tecnologia - FCT) under the Collaboration Protocol of the Multiannual Financing Plan for Doctoral Research Grants, signed between FCT and the R&D Research Unit CMUC - Centro de Matemática da Universidade de Coimbra, UIDP/MAT/00324/2020.

### 1. SUBMISSION OF APPLICATIONS

The Call for Applications is open from May 4 to June 3, 2022.

Applications and all related documents specified in this Call must be submitted by email to [cmuc@mat.uc.pt](mailto:cmuc@mat.uc.pt).

Each applicant can only submit one application, under penalty of cancellation of all the applications submitted.

Please note that any false declarations or acts of plagiarism from the applicants will lead to the exclusion of the application without prejudice to the adoption of other corrective or punitive disciplinary measures.

### 2. GRANT TYPE AND DURATION

The PhD grants aim at financing research activities carried out by the doctoral candidates conducive to obtaining the doctorate academic degree in Portuguese Universities.

These research activities will take place at the Centre for Mathematics of the University of Coimbra (CMUC), which will be the candidates host institution, without prejudice to the research work being carried out in collaboration with more than one institution.

The research activities conducive to obtaining the doctorate degree by the selected applicants must be in line with CMUC's activity plan and strategy, and must be carried out within the scope of the following Doctoral Program:

UC|UP Joint PhD Program in Mathematics

The work plan may be entirely or partially carried out at a national institution (national or mixed grants, respectively).

As a rule, PhD grants are annual, renewable up to a maximum of four years (48 months), and cannot be awarded for a period of less than three consecutive months.

In the case of a mixed grant, i.e., carried out both in Portugal and abroad, the research period at the foreign institution cannot exceed 24 months.

### 3. GRANT RECIPIENTS

PhD grants are aimed at candidates who are enrolled or who meet the requirements to enroll in the UC|UP Joint PhD Program in Mathematics and who wish to carry out research activities conducive to obtaining the doctorate degree at the University of Coimbra, or at another associated host institution.

### 4. ADMISSION REQUIREMENTS

#### 4.1 Admission requirements for applicants

The following candidates may apply to this Call:

National (Portuguese) citizens or citizens from other member states of the European Union;

Third-country citizens;

Stateless individuals;

Citizens with a political refugee status.

To apply for a PhD grant, applicants must meet the following requirements:

The candidate must have an academic and scientific curriculum that the jury considers adequate to develop research activities within CMUC conducive to obtaining his/her PhD degree at the University of Coimbra.

In case the work plan is carried out partially at a foreign institution (mixed grants), the candidate must reside permanently and habitually in Portugal; this requirement is applicable to both national and foreign citizens.

The candidate has not previously benefited from a PhD grant or a PhD grant in Industry directly funded by FCT, regardless of its duration.

Not hold a doctor's degree.

## 4.2 Application requirements

The following documents are mandatory, under penalty of exclusion from the Call:

- Elements of the candidate's identity card/passport;
- Curriculum vitae;
- Academic certificates and detailed description of the candidate's academic record;
- Motivation letter;
- PhD research project;
- Recommendation letters (two). The candidate must indicate the names and email addresses of the recommenders; the letters must be sent by email, by the recommenders, to [cmuc@mat.uc.pt](mailto:cmuc@mat.uc.pt).
- The application and other documents, including motivation and recommendation letters, must be written in Portuguese or English;
- Other relevant documents.

## 5. WORK PLAN AND SCIENTIFIC SUPERVISION OF THE GRANTS

The grant's work plan will be based on the research project submitted by the candidate; the research work will be carried out under the supervision of a CMUC member who the PhD Program scientific committee may suggest.

## 6. EVALUATION CRITERIA AND BONUSES

### 6.1 Evaluation Criteria

Evaluation will be based on the candidate's merit and the quality of his/her research project, as well as its relevance to CMUC's research goals.

The admitted applications will be graded from zero (0 - minimum score) to 200 (200 - maximum score) in each of the following criteria:

#### Criterion A – Merit of the Candidate

The evaluation panel will assess the candidate's merit as well as his/her training and skills to carry out the proposed research plan, based on his/her curriculum vitae, motivation letter and recommendation letters.

#### Criterion B - Research plan

The panel will assess the contribution of the candidate's research plan to advancing scientific knowledge and its relevance to CMUC's research goals. The adequacy of the proposed methods and the project feasibility will also be taken into account.

## Criterion C - Interview

In case the panel finds it necessary, the candidates with the highest score in criteria A and B will be interviewed individually (by video conference if needed).

## Final selection method

Each criterion will be scored in a scale from 0 to 200.

All the candidates will be evaluated and ranked according to criterion A and B, their classification being calculated as an weighted average assigned with the following weight: criterion A: 70%; criterion B: 30%. If the panel decides to interview the candidates with the highest score, they will be re-sorted according to the grade obtained as a weighted average assigned with the following weight: results previously obtained in criteria A and B: 80%, criterion C: 20%.

Final classification formula (without interview) =  $(0,7 \times A) + (0,3 \times B)$

Final classification formula (with interview) =  $0,8 \times [(0,7 \times A) + (0,3 \times B)] + (0,2 \times C)$

The candidates who obtain a final score lower than 100 (a hundred) are not eligible for a scholarship.

In the event of a tie, the final ranking list will be based on the scores assigned to each of the evaluation criteria in the following order: Criterion A, Criterion B, Criterion C.

## 6.2 Bonuses

Candidates with a proven degree of disability equal to or higher than 90% will have a bonus of 20% on Criterion A - Merit of the Candidate. Candidates with a proven degree of disability equal to or higher than 60% and lower than 90% will have a bonus of 10% on this criterion.

## 7. EVALUATION

The evaluation panel is composed by the following members:

Chair: Joana Margarida Nunes da Costa (Department of Mathematics of the University of Coimbra);

Effective members: Ercília Cristina da Costa e Sousa (Department of Mathematics of the University of Coimbra); Susana Margarida Domingues de Moura (Department of Mathematics of the University of Coimbra);

Substitute member: Jorge Manuel Senos da Fonseca Picado (Department of Mathematics of the University of Coimbra).

The evaluation panel will assess applications based on the evaluation criteria previously defined. All panel members, including the chair, will be committed to respecting the responsibilities of the evaluation process, such as duty of impartiality, declaration of any potential conflicts of interest, and confidentiality. The confidentiality of all applications must be protected and guaranteed throughout the entire process in order to ensure the independence of all analysis produced. For each application, the panel will produce a final evaluation form where the arguments to justify the scores attributed to each of the evaluation criteria shall be clearly, coherently and consistently presented.

Minutes of the responsibility of all the members shall be produced of the panel's meetings.

The minutes and their annexes must include the following information:

Name and affiliation of all members of the evaluation panel;

Identification of all excluded applications and respective reasons;

Methodology employed by the panel for particular cases;

Final evaluation forms for each application;

A provisional ranked list of applicants, in descending order of final score, of all applications evaluated by the panel;

Conflict of Interest (COI) statements from all members of the panel;

Delegation of vote and decision powers in the event of justified absence.

## 8. DISCLOSURE OF THE RESULTS

The results of the evaluation will be sent by email to the address provided by the candidates on their application.

## 9. DEADLINES AND PROCEDURES FOR PRELIMINARY HEARING, COMPLAINTS AND APPEALS

Once the provisional list of the evaluation results has been announced, applicants may use their right to dispute the proposed decision during the preliminary hearing phase, which takes place 10 working days after the communication of results, under the terms of Articles no. 121 and following of the Code of Administrative Procedure (CPA).

The panel will announce its final decision after analyzing the applicants' arguments submitted in the preliminary hearing. Following the final decision, the applicant can file a formal complaint within 15 working days or, alternatively, file an appeal within 30 working days, both counting from the announcement of the final results.

Applicants who choose to file a complaint should address their request to the member of FCT Board of the Directors with delegated power. Applicants who choose to file an appeal must address their request to the FCT Board of Directors.

## 10. REQUIREMENTS TO AWARD THE GRANTS

The grant contracts are celebrated directly with FCT.

The following documents are mandatory for contract drafting:

- a) Copy of the personal identification card, tax number and, if applicable, social security;
- b) Copy of the academic degree certificates held by the applicant;
- c) Recognition of the academic degrees obtained abroad and conversion of the final grade to the Portuguese rating scale, if applicable;
- d) Proof of acceptance and enrolment in the Doctoral Program identified in the present Call Notice;
- e) Statement from the supervisor(s) declaring his/her acceptance to coordinate and supervise the work plan, as laid out in Article no. 5-A of the Research Fellowship Holder Statute (template will be made available by FCT);
- f) Institutional document supporting the applicant, issued by the institution where the work plan will be carried out, guaranteeing the necessary conditions to its successful development, as well as the fulfilment of the duties established in Article no. 13 of the Research Fellowship Holder Statute (template will be made available by FCT);
- g) Updated document certifying the applicant will work under an exclusive contract (template will be made available by FCT);
- h) Work Plan.

The granting of the scholarship is still dependent on:

- The fulfilment of all the requirements listed in this Call Notice;
- The results of the scientific evaluation;
- The absence of unjustified non-compliance of the scholarship holder duties during past grants directly or indirectly funded by FCT;
- The FCT's available budget.

The lack of any of the necessary documents to complete the contract procedure implies the decision to award the scholarship will be considered null and the process will be closed; applicants have up to 6 months after they have been notified of the award of the provisional grant to present all the documents listed above.

## 11. FUNDING

Payments of the grants will start after the candidates have returned the contracts, duly signed, to FCT, which should occur within 15 working days after they receive it.

The scholarships will be funded by FCT via the Portuguese state budget and, whenever eligible, co-financed by the European Social Fund (ESF), to be made available by the PORTUGAL2020 program, in particular the North Regional Operational Program (NORTE 2020), the Centre Regional Operational Program (Centro 2020) and the Alentejo Regional Operational Program (Alentejo 2020), according to the regulatory provisions applicable for this purpose.

## 12. GRANT COMPONENTS

Grant holders are awarded a monthly support allowance in accordance with the table included in Annex I of the FCT Regulation for Research Fellowships (RBI).

The scholarship may also include other components, according to Article no. 18 of the RBI and the amounts defined in its Annex II.

All grant holders are entitled to a personal accident insurance policy in connection with their research activities, which FCT will cover.

All scholarship holders who do not benefit from any social protection have the right to register with social security by joining the voluntary social insurance scheme, under the terms of the Social Security Welfare Contributions Code. FCT will cover the expenses resulting from the contributions payments under the terms and limits laid out in Article no. 10 of the EBI.

## 13. PAYMENT OF THE GRANT

Payments due to the grant holder are made by bank transfer to the account number provided by the recipient. The monthly support allowance is paid on the first working day of each month.

Registration, enrolment and tuition fees are payed directly by FCT to the national institution where the grant holder is enrolled or registered in the PhD Program.

## 14. TERMS AND CONDITIONS FOR PhD GRANT RENEWAL

Renewal of the grant is always dependent on the request submitted by the recipient within 60 days prior to the renewal starting date, including the following documents:

- a) Declaration(s) issued by the supervisor(s) and by the host institution(s) attesting the progress of the grant holder's research plan and the evaluation of his/her activities;
- b) Updated document attesting compliance with the regime of exclusivity;
- c) Declaration certifying the renewal of enrollment in the study cycle leading to the doctoral degree.

## 15. INFORMATION AND PUBLICITY OF THE AWARDED FUNDING

All the R&D activities carried out by the grant holder, directly or indirectly funded by the scholarship, namely scientific communications, publications and scientific creations, as well as theses, must mention the financial support of FCT and the European Social Fund (ESF), namely through the North Regional Operational Program (NORTE 2020), the Centre Regional Operational Program (Centro 2020) and the Alentejo Regional Operational Program (Alentejo 2020). Therefore, the FCT, MCTES, ESF, EU logos must be inserted in the documents related to these actions, according to the graphic norms of each operational program.

The disclosure of the research results funded under the RBI provisions must comply with open access guidelines, publications and other research results in force with FCT rules.

For all scholarships, particularly in the case of European funded actions, namely from ESF, monitoring



and control initiatives may be carried out by national or European entities according to the applicable legislation.

Grant holders must therefore collaborate and provide all the required information, including surveys and evaluation studies in this field, even though their scholarship may have already ended.

## 16. NON-DISCRIMINATION AND EQUAL ACCESS POLICY

FCT promotes a non-discrimination and equal access policy, thus no applicant may be favoured, given advantage, harmed or deprived of any right or exempted from any duty, due to ascendancy, age, gender, sexual orientation, marital status, family status, financial situation, education, origin or social condition, genetic heritage, reduced work capacity, disability, chronic illness, nationality, ethnicity or race, territory of origin, language, religion, political or ideological beliefs or trade union affiliation.

## 17. APPLICABLE LEGISLATION AND REGULATIONS

This Call is ruled by the present Notice of Open Call, by FCT Regulation for Research Fellowships approved by Regulation no. 950/2019 (published in the Series II of the DR, of 16th of December), by the Research Fellowship Holder Statute (approved by Law no. 40/2004, of 18th of August, in its latest version), and by other applicable national and European legislation.

## More Information

### ADDITIONAL INFORMATION

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## Web site for additional job details

[https://www.uc.pt/administracao/dpa/bolsas/editais/biprogram\\_801006\\_cc](https://www.uc.pt/administracao/dpa/bolsas/editais/biprogram_801006_cc)

### REQUIREMENTS

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## Offer Requirements

## Skills/Qualifications

PhD grants are aimed at candidates who are enrolled or who meet the requirements to enroll in the UC|UP Joint PhD Program in Mathematics and who wish to carry out research activities conducive to obtaining the doctorate degree at the University of Coimbra, or at another associated host institution.

## Specific Requirements

PhD grants are aimed at candidates who are enrolled or who meet the requirements to enroll in the UC|UP Joint PhD Program in Mathematics and who wish to carry out research activities conducive to

obtaining the doctorate degree at the University of Coimbra, or at another associated host institution.

# Map Information



Job Work Location



Personal Assistance locations

## WORK LOCATION(S)

2 position(s) available at  
Universidade de Coimbra  
Portugal  
Coimbra

EURAXESS offer ID: 780702

## Disclaimer:

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