

# Call for PhD grants



FCT PhD  
PROGRAMMES



Universidade do Minho



universidade  
de aveiro



## 2014-2015 edition of the MAP-fis Doctoral Program

The Doctoral Program in Physics **MAP-fis** is provided by the Universities of Minho, Aveiro and Porto, which bring together 6 Research Centers with over 280 PhD researchers. More information on this program is available at <http://www.map.edu.pt/fis/>.

The program has been selected for financing in a national call by The Portuguese Foundation for Science and Technology (FCT,IP), and has available for each edition 8 first year Research Grants, which are followed by 5 PhD grants for the remainder three years of the PhD.

The selection of applicants is entrusted to the Scientific Committee of the program, assisted by three independent experts, unconnected with the Program's Universities and Research Centers and appointed by the Scientific Committee.

The selected applicants will sign a grant contract directly with FCT, IP. These contracts are drawn in accordance with the Regulation for Grants of FCT,IP and the Statute of FCT grants holder (Law 40/2004) available in the address <http://www.fct.pt/apoios/bolsas/regulamentos>.

The Program MAP-fis hereby opens a call for the 2014-2015 edition for 8 (eight) Research Grants for PhD students enrolling in the MAP-fis program.

1. Applicants must hold a first degree or a Master in Physics, Engineering Physics, or related field.
2. Applicants must satisfy the requirements of article 30 of Law no. [74/2006](#), of March 24 as altered by Laws no. 107/2008, of June 25 and 230/2009, of September 14.
3. In the second year, students may apply for a PhD grant for the remainder of their PhD program. These PhD grants are annual, renewable twice (total of 3 years) and cannot be granted for periods inferior to six months.
4. To qualify for application, one of the following is required:
  - a) Portuguese citizenship, or citizenship of any country of the European Union;
  - b) Citizens of third countries, provided they hold a valid residency title, or are beneficiaries of statute of long term residency as defined in Law no. 23/2007 of July 4, as altered by law no. 29/2012 of August 9.
  - c) Citizenship of any country with which Portugal has a reciprocity agreement;
5. Citizens of other countries, not satisfying the requirements of 4, may apply, but will be subject to an individual interview, before a grant can be awarded.
6. In the case of work plans partially carried out outside Portugal, applicants must have permanent residency in Portugal.

7. This call is open until September 15, 2014.

8. Applicants apply online at <http://www.map.edu.pt/fis/prospectivesudents/admissions> by filling an application form and uploading the following documents:

- a) Copies of academic transcripts;
- b) Curriculum Vitae;
- c) Letter of intent describing motivation to enroll in the MAP-fis program;
- d) Photocopy of identity document (passport, citizen card).

Applicants should also arrange for three letters of recommendation to be sent by e-mail to [mapfis@map.edu.pt](mailto:mapfis@map.edu.pt).

9. Candidates' application will be evaluated according to the criteria listed in 10, and a ranked list of applications, with indication of the selected ones, will be published in the Program's website <http://www.map.edu.pt/fis>, by October 10.

10. Applications will be evaluated according to the following criteria:

- a) academic record;
- b) experience;
- c) references;
- d) motivation and self-discipline.

Candidates will be awarded a score from 0 to 100 determined as follows:

Score =  $70 \cdot (FG/20) \cdot YS \cdot AS \cdot IT + SCV + MT$ , where:

FG (Final grade), converted to scale 0-20;

YS (Years of study): 3/5 for a 3 year degree, 4/5 for a 4 years and 1 for full 5 years ;  
of previous training;

AS (Area of study): maximum 1 (value for Physics and Physical Engineering); awarded by panel, taking into consideration suitability for previous studies for a PhD in Physics.

IT (Institution ): maximum of 1 (values for Portuguese universities). This factor is determined by the evaluation panel, using publicly available information on the institution(s) of previous degrees;

SCV (Scientific and professional CV beyond degrees): maximum 20 points awarded by panel.

MT (Motivation): maximum 10 points awarded by panel, on the basis of motivation letters, previous academic record, and/or interview.

11. Unsuccessful candidates have 10 working days to make their case in a preliminary hearing, under the terms of The Code for Administrative Procedures (Código do Procedimento Administrativo). From the final decision they may appeal to the Scientific Committee within 15 working days of their notification.

12. These grants are financed by the Portuguese Government through the Ministry of Education and Science, and, when eligible, by the [European Social Fund](#) through the [Programa Operacional Potencial Humano](#) of [QREN](#) Portugal 2007-2013 in accordance with the regulations specific to intervention type 4.1.

13. For more information visit the MAP-fis website <http://www.map.edu.pt/fis/> or e-mail to [mapfis@map.edu.pt](mailto:mapfis@map.edu.pt).

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