

Call reference number	(2025-PhD)
Call name	PhD Program 2025
Application Deadline	2025/06/15

Introduction and main description

BCMaterials, Basque Center on Materials, Applications and Nanostructures, Leioa, Spain (www.bcmaterials.net), is an autonomous research center, belonging to Ikerbasque, the Basque Foundation for Science and the University of the Basque Country (UPV/EHU).

The 2025 PhD Fellowships Call has now been launched to provide predoctoral students in Physics, Chemistry, Materials Science, Engineering, Energy, Biology, Biotechnology or Environmental Science the opportunity to develop their PhD thesis in the areas of advanced multifunctional materials.

We are looking for highly motivated pre-doctoral students interested in pursuing a doctoral degree at our institution. We offer up to 4 contracts to predoctoral students for the PhD thesis to be done at BCMaterials.

The specific doctoral projects will be proposed to the candidates in line within the main research activities of BCMaterials, that can be visited in www.bcmaterials.net.

The work will be carried out at BCMaterials in close collaboration and coordination with different institutions from the Basque Scientific and Technological network as well as in cooperation with international leading research institutions. Short stays at collaborative partners will also be supported.

For the successful candidates, the position represents an excellent opportunity to develop both collaborative and personal scientific research career, exploiting the capabilities of advanced functional materials and their applications.

Skills and Requirements

Master's degree or equivalent in Physics, Chemistry, Materials Science, Engineering, Energy, Biology or Environmental Science.

Candidates should have a good verbal and written communication skills in English.

Capacity for teamwork in an interdisciplinary and international environment.

Self-motivation and willingness to perform independent research.

Creativity in problem solving.

Presentation skills and able to meet the deadline are also required.

Work Program / Duties / Responsibilities

The PhD candidates will work in an ambitious research program in one of the aforementioned research areas. Materials will be designed, characterized, the functional properties evaluated and optimized and their integration into potential applications explored.

Application Procedure

Apply by submitting a motivation letter and a CV (in English) using the "Contact" button at the corresponding offer, at the "Join Us" area on BCMaterials' portal (<https://www.bcmaterials.net/join-us>).
Your name and email address will be required for further contact too.

Other Relevant Information

Applicants have to fill the application form for this offer and must include their CV, academic records and motivation and reference letters. On motivation letter, it must be referred the principal Research Area on which applicant is interested.