BCAM is the research center on applied mathematics created with the support of the Basque Government and the University of the Basque Country, which aims to strengthen the Basque science and technology system, by performing interdisciplinary research in the frontiers of mathematics, talented scientists’ training and attraction, so the excellence of our results are recognized by the Society.

Main functions, requisites & benefits

Main functions
The programme is open to students of any nationality. Contracts will be 4-year long and those PhD Students that defend their thesis before that period will be issued a 1-year postdoctoral contract. This grant can also fund the doctoral course tuition fees and predoctoral mobility (up to 6,250€ in total).

Requisites
The call offers up to 7 PhD Student positions at the Basque Center for Applied Mathematics - BCAM: 4 PhD positions with regard to the "Severo Ochoa" accreditation in the following areas: Core in Applied Mathematics, Computational Mathematics, Applications of Mathematics and Artificial Intelligence. Six extra positions in all Severo Ochoa centers are offered for applicants from Pacific Alliance nationalities (Chile, Mexico, Colombia and Peru).
3 positions within the following research projects being carried out at the center: - Interplays between Harmonic Analysis and Inverse Problems.
- MULTIscale modeling with applications in QUANTitative bioscience.
- Development of novel mathematical and experimental methodologies to control neuronal activity and dissect spatio-temporal neuronal codes.