

[BSC International Summer HPC Internship Programme](#)



BSC International Summer HPC Internship Programme is an international call with 8 to 16 intern positions in order to spend a maximum of 10 weeks within the summer period (from June to September).

The programme wants to encourage students to start a research career in our multidisciplinary research center.

The interns will carry out research in one of BSC's departments (Computer Sciences, Computer Application in Science and Engineering, Earth Sciences and Life Sciences).

- **Stipend:** 1.166,67€ gross salary per month (full time basis).
- **Mobility allowance:** For candidates who come from outside Barcelona: 350€ gross salary per month (BSC will not cover relocation expenses). If you come from outside of the European Union, during the

final phase of the process you will need to ask for a Student Visa (this process may take up to 2 months).

- **Working hours:** The positions can be part time or full time depending on the final candidatures.
- **Contract:** Be able to have an agreement between BSC and your University: internship contract. Please ask your University about it. If you cannot provide this kind of document, you should at least have a confirmation from your University (including your name, duration, acceptance of internship).
- **Working from home:** The selection process and internship can be totally or partially organized in remote (to agree with the team leader and taking into account Spain and BSC restrictions at the moment of the internship). It is compulsory having the required documents for the internship: A student visa, NIE number, plus social security document.

Description

Barcelona Supercomputing Center – Centro Nacional de Supercomputación (BSC-CNS) launches the 4th BSC International Summer HPC Internship Programme. We are looking for outstanding Undergraduate Students in order to conduct a summer research experience at the BSC-CNS. The main goal of this programme is to encourage students, from any nationality, in the path of a scientific career and to introduce them to an HPC environment.

From 8 to 16 internship positions will be awarded in 2021.

The Internships will last a maximum of 10 weeks, from June to September 2021.

Eligibility criteria

- Undergraduates with an excellent academic record and a strong interest in BSC fields of research.
- One full year of university degree completed.
- Candidates may not have received an Undergraduate Degree at the time of the Internship.
- High level of English.
- Highly motivated and willingness to work in an international multidisciplinary group.
- Availability to do a student agreement through your University.

Application procedure

The Call for 2021 Applications opened on the 1st of March

The Applications were closed on the 20th of March, we are currently reviewing them

Documents required for your application:

1. An updated CV including your academic records.
2. 2 reference letters from the researchers/teachers with whom the intern worked/studied. Or 2 reference emails from researchers/teachers to be sent to recruitment@bsc.es (Title of the email: BSC International Summer HPC Internship Programme, Reference of "your name") .
3. Cover letter, including motivation statement.
4. Answer the priority questions. (You have to choose your first, second and third option of BSC group where you would like to do your internship, please check the list of hosting groups below)
5. If your application does not include one of these documents, it will not be considered for this

Programme.

Hosting groups

CASE:

[Propulsion Technologies](#)

[Quantic](#)

[Fusion](#)

Computer Sciences:

[European Exascale Accelerator](#)

[Runtime-Aware Architectures](#)

[Runtime systems for parallel programming models](#)

[Accelerators and Communications for HPC](#)

[Memory systems for HPC](#)

[Workflows and Distributed Computing](#)

Life Sciences:

[Transcriptomics and functional genomics lab](#)

[Comparative Genomics](#)

[Computational Biology](#)

[Electronic and Atomic Protein Modelling](#)

Earth Sciences:

[Earth System Services](#)

[Computational Earth Sciences](#)

[Atmospheric Composition](#)

Recruitment process and calendar

Call opening: 1st of March 2021

Deadline of applications: 20th of March 2021

Interviews: April 2021

Call results publication: End of April and May 2021

Evaluation criteria:

Criteria	Weight
Academic record	20%
Interview	20%
Reference Letters	20%
Cover Letter	20%
Other qualifications (outreach activities, awards)	20%
Total	100%

Diversity and Equal Opportunity Employment

BSC-CNS is an equal opportunity employer committed to diversity and inclusion. We are pleased to consider all qualified applicants for employment without regard to race, color, religion, sex, sexual orientation, gender identity, national origin, age, disability or any other basis protected by applicable state or local law.

Do you need support?

If you need further information, please send an email to rrhh@bsc.es

Barcelona Supercomputing Center - Centro Nacional de Supercomputación

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