

FULL TIME RESEARCH AND TEACHING ASSISTANT POSITION

IN BIOMEDICAL ENGINEERING

POLYTECHNIC SCHOOL OF BRUSSELS

Reference : 2026/S135

Application deadline: 26/05/2026 12:00 PM

Start date : 01/10/2026

Job Description

The candidate will conduct high-quality research toward a Ph.D. in biomedical engineering and will participate in the activities of the BEAMS Biomechatronics research group. The research topic will be determined jointly by the candidate and the promoter. The primary scientific focus is on neuroscience. Further information on current research topics is available on the group's website.

The candidate will also participate in various teaching activities, including supervising final-year theses, projects, practical work, and exercises at the Bachelor's and Master's levels at the École polytechnique.

An assistant position is granted for an initial period of two years, renewable upon the recommendation of the competent authorities for a maximum of two additional two-year terms (full-time). Teaching and research duties will be balanced and subject to periodic review.

Skills required

Hold a 120-credit Master's degree in Engineering Sciences and Technology and meet the admission requirements for the doctoral program.

We are seeking a highly motivated engineer with an excellent academic background and a strong interest in neuroscience. The candidate must demonstrate excellent knowledge—or a willingness to acquire it—in electronics and biomedical signal processing.

The candidate must also be eager to join a multidisciplinary team of engineers who work closely with medical professionals.

Fluency in English and French is required

Courses covered

The candidate will take the following courses:

- ELEC-H-313 Instrumentation

- PROJ-H-3000 Projet intégré biomédical
- ELEC-H-424 Active Medical Devices
- ELEC-H-503 Artificial Organs

Interested ?

Mr. Antoine Nonclercq (telephone: +32 2 650 30 86 – E-mail: antoine.nonclercq@ulb.be).

Your application will consist of a Curriculum Vitae (*if you wish, a standard CV can be downloaded from the website: <https://www.ulb.be/fr/documents-officiels/emplois-academiques-et-scientifiques-cv-type>*) and a document completed using the template available at this URL address <https://www.ulb.be/fr/documents-officiels/4e-applic-form-assistant-docx>.

This template structures your application by including the following elements:

- an application letter
- a note on the applicant's PhD research project (4 pages)
- two letters of reference

Incomplete applications or applications that do not use the template provided will not be examined by the selection committee.

Where to go to apply?

Click here: <https://jobs.ulb.be/job-invite/1984/?isInternalUser=true>

For any connection problems or questions about our application, consult our FAQ : [e-recrut-mode-d-emploi-candidat-en-1734942996246-pdf](#)

N.B.: SAP complies with European and U.S. regulations and, as a result, does not allow access to its application from the following countries/regions: Crimea, Sevastopol, the Donetsk People's Republic (DNR) / Luhansk People's Republic (LNR), areas not controlled by the Ukrainian government in the Kherson and Zaporizhzhia regions, Cuba, Iran, North Korea, Syria, Russia, and Belarus.

Therefore, candidates applying from these countries – and only from these countries – can submit their CV and application to this address: rectrice@ulb.be

Equal opportunities policy

ULB's personnel management policy is geared towards diversity and equal opportunities.

We recruit candidates on the basis of their skills, irrespective of age, gender, sexual orientation, origin, nationality, beliefs, disability, etc.

Would you like to be provided with reasonable accommodation in the selection procedure because of a disability, disorder, or illness? Please contact Marie Botty, the person in charge of diversity aspects for the academic and scientific staff (marie.botty@ulb.be). Be assured of the confidentiality of this information.

More details on the ULB gender and diversity policy are available at <https://www.ulb.be/en/about-ulb/gender-equality-at-ulb>.

You will find all the regulations relating to research careers on our site at <http://www.ulb.ac.be/emploi/academique.html>.