FULL-TIME ACADEMIC POSITION IN
ACTUARIAL SCIENCES/PROBABILITY

FACULTY OF SCIENCES

Reference : 2018/A027
Application deadline: February 15th 2018
Start date: 01/10/2018

Job description

Area of Research:

The hiring committee will consider applications from all subfields of Actuarial Sciences, including Stochastic Finance, as well as neighbouring domains.

Educational and scientific goals:

We seek candidates doing research in the field of actuarial sciences, including stochastic finance. Applicants should hold a master degree in Actuarial Sciences or equivalent experience as well as a PhD Degree (with doctoral thesis) in Sciences or equivalent qualifications. Industrial experience will be appreciated. Teaching responsibilities will include courses in insurance and probability, and the supervision of internships, master and doctoral theses in actuarial sciences.

The Department of Mathematics has an exceptional track record in applying for funding from the ERC, the FNRS, European research frameworks and other regional funds. The successful candidate will be strongly encouraged to contribute to this. The ULB Research Department will provide full assistance with funding applications. There are also internal grants available to support the development of fully fledged research projects.

The successful candidate will be invited to play a role in the organisation of the department of mathematics. The teaching load will be at most 90 hours per year for the first three years, before rising to the same level as their colleagues (currently between 100 and 120 hours per year). The teaching (courses, seminars and exercise classes, both at the bachelor and master levels) associated with this position is determined by the Collège d'enseignement of the department of mathematics. Teaching duties may be reviewed periodically and are subject to modification over time. The candidate will also commit to some administrative tasks in the department of mathematics and in particular in the Service Sciences Actuarielles and within the relations with the Institute of Actuaries in Belgium.
Courses covered at the time of recruitment:

The subjects to be taught include courses on Life Insurance including Pension schemes; as well as some other (optional) courses in the program of the Master in Actuarial Sciences, in Probability Theory on a Bachelor level and/or some courses of mathematics for students majoring in another science. Teaching responsibilities further include the supervision of internships, master and doctoral theses in actuarial sciences. Teaching duties may be reviewed periodically and are subject to modification over time. All courses can be taught in English during the first three years.

Qualifications required:

PhD Degree (with doctoral thesis) in Sciences or equivalent qualifications.

Skills required

- Applicants should have at least 4 years of research experience at the time of their recruitment.
- Post-doctoral experience and an excellent scientific record are a plus.
- Applicants should hold a master degree in Actuarial Sciences or equivalent experience as well as a PhD Degree (with doctoral thesis) in Sciences or equivalent qualifications.
- Industrial experience will be appreciated.
- Exchange periods outside of the applicants’ home institution (during or after their PhD) will be taken into consideration when evaluating applications.
- Applicants who do not speak French (level C1) may be granted a period of adaptation, but they must be able to teach in French at the end of the third year following their appointment.

Interested?

For more information, please contact Prof. Griselda Deelstra (telephone: +32 2 650.50.46 – E-mail: Griselda.Deelstra@ulb.ac.be).

Applications must be sent by e-mail to the rectorate of the Université Libre de Bruxelles (recteur@ulb.ac.be) and to the faculty deanship (annick.gerlache@ulb.ac.be).

They must include the following:
- an application letter
- a Curriculum vitae including a list of publications (a template can be downloaded at http://www.ulb.ac.be/tools/CV-type.rtf)
- any relevant documents showing 4 years of research experience
- a 7,000-character report (4 pages) presenting the applicant’s research activities and a research project, including how these will integrate into ULB’s research teams
- a teaching dossier including a report of maximum 7,000-characters (4 pages) on the applicant’s previous teaching activities and a teaching project for the first five years in this position; these must be relevant to the faculty and to the teaching profiles for the programs to which the applicant is to contribute
- a note on the applicant’s international achievements and projects (no more than 4 pages)
- the names and e-mail addresses of five references (with (preferably) equal gender representation) who may be contacted by those in charge of evaluating applications. These references should not have conflicts of interest.

By sending in their application, applicants acknowledge they have read and understood the additional information and the regulations relevant to research staff, available at the following address http://www.ulb.ac.be/emploi/academique.html.
n° de vacance : 2018/A027
Domaine : Sciences
Discipline : Sciences actuarielles/Probabilités
Poste(s) au cadre : 17- B-CCO-027 (1,00 ETP)
Références CoA : 18/12/17 pt.III.02
Rattachement Enseignement : Service Enseignement Mathématiques – Présidence (FS010)
Rattachement Recherche : Service Sciences Actuarielles (FC030)

EURAXESS SPECIFIC INFORMATION

Main Research Field: Mathematics (27)
Sub Research Field:

Required educational level: Phd Degree in Mathematics (27)

Required Languages:
French: basic
English: good

Type of contract: temporary
Hours per week: 38

Required Research Experiences: Mathematics : 4
Researcher profile: Early stage researcher (0-4 years)
                        Experienced researcher - R3 (4 – 10 years)

Additional requirements: We seek candidates doing research in the field of actuarial sciences, including
stochastic finance. Applicants should hold a master degree in Actuarial Sciences or equivalent experience
as well as a PhD Degree (with doctoral thesis) in Sciences or equivalent qualifications. Industrial experience
will be appreciated. Teaching responsibilities will include courses in insurance and probability, and the
supervision of internships, master and doctoral theses in actuarial sciences.