

**Vacancy for Academic Staff**

**I. Job Description**

<b>Vacancy number (Faculty/Year/number)</b>	ES/
<b>Job category</b> <b>ZAP professor/Teaching Staff/AAP/BAP</b>	BAP
<b>Specific terminology</b> <ul style="list-style-type: none"> <li>- Tenure Track professor</li> <li>- Research professor</li> <li>- Lecturer/Senior lecturer/ Professor (Reader)/Full professor</li> </ul> <b>Teaching Staff</b> <ul style="list-style-type: none"> <li>- Teaching only professor</li> <li>- Replacement academic staff</li> </ul> <b>AAP</b> <ul style="list-style-type: none"> <li>- Graduate Teaching Assistant</li> <li>- Practitioner Teaching Assistant</li> <li>- Post-doctoral research and teaching assistant</li> </ul> <b>BAP</b> <ul style="list-style-type: none"> <li>- Scientific staff</li> <li>- Teaching only assistant</li> <li>- PhD Scholarship</li> </ul>	BAP - Scientific staff
<b>Scope of appointment:</b> <ul style="list-style-type: none"> <li>- Full time</li> <li>- Part time (+ %)</li> </ul>	Full time
<b>Faculty/ Principle Administrative Entity</b>	Faculty of Economic and Social Sciences and Solvay Business School (ES)
<b>Academic Department/Administrative Unit</b>	Business Technology and Operations (BUTO)

**Company profile**

The Vrije Universiteit Brussel has been a leading player in the Flemish Higher Education landscape for 40 years. The University numbers 12.000 students and together with its hospital - UZ Brussel – employs more than 6000 people. The Vrije Universiteit Brussel is the largest Dutch speaking employer in the capital.

Teaching and research at the Vrije Universiteit Brussel are founded on the principle of unfettered inquiry to benefit the progress of mankind. This means rejecting dogmatic positions and guaranteeing the freedom to form opinions without interference; in this way the University aims to ensure the dispersal of the principle of unfettered inquiry throughout society.

The University is autonomous and democratically run. This means guaranteeing the exercise of the fundamental freedoms within the University, as well as the right of the University Community to participate in the decision making process and scrutiny of University policy.

The following form part of the University's mission:

- the development, the communication and the application of a high level of academic education and scientific research, free from all preconceived ideas;
- the translation of these ideals and knowledge into society in the spirit of social engagement;
- the creation of a society in which everyone is capable of engaging in critical thinking.

## Vacancy for Academic Staff

### II. Vacancy

<b>Subject area</b> <b>Teaching/research area</b>	Subject area: Business Technology and Operations Research area: Data Analytics
<b>Terms of reference including main tasks</b> <ul style="list-style-type: none"> <li>- <b>Teaching</b></li> <li>- <b>Research</b></li> <li>- <b>other</b></li> </ul>	<b>Research position in Data Analytics</b> <p>The Data Analytics Laboratory within the Business Technology &amp; Operations (BUTO) department at the Faculty of Economic and Social Sciences and Solvay Business School is looking for a highly motivated candidate with strong abilities and interest to perform research in the field of data analytics for carrying out a research project in close collaboration with a company on the topic of Human Resources Analytics and Financial performance analysis. The Data Analytics Laboratory is a vibrant research team of data scientists which actively engage in research projects with the industry for developing innovative business applications of Big Data Analytics.</p> <p>The proposed research project focuses on the development of business intelligence and data analytics applications to support human resources management and optimize company performance, by analysing vast and diverse workforce and financial data sources to provide detailed and actionable insight and feedback for managerial decision-making.</p> <p>The candidate is expected to conceptually develop and implement these applications by analysing available real-life data in close collaboration with and at location of the involved company. The project will require a thorough study of analytical approaches as well as the specific field of application.</p> <p>When successfully finishing the project, the candidate will dispose of a strong theoretical knowledge as well as practical experience in applying and implementing analytics projects within a company setting. The project can lead towards a Ph.D. in Applied Economics.</p> <p>Place of employment: Brussels (VUB, campus Etterbeek) and Leuven (company site).</p> <p>For more information, please contact <a href="mailto:wouter.verbeke@vub.be">wouter.verbeke@vub.be</a> or +32 629 20 53.</p>

### III. Job profile

#### Requirements (academic qualifications, academic merits, expertise, knowledge, skills)

The candidate has an academic Master degree in Engineering, Computer Science, Business Engineering, Applied Economics, Applied Sciences or Sciences (e.g. Mathematics, Informatics, etc.), and combines strong quantitative and problem solving skills with a profound interest in business and management.

Preferably, the candidate possesses the following skills and knowledge:

- Knowledge of data analysis (statistics, analytics, machine learning)
- Programming skills (e.g., R, Matlab, SAS, Python, Java)
- Strong communication skills verbal and written (essential!)
- Excellent written and spoken knowledge of English

**Vacancy for Academic Staff****IV. Offer**

As an employee of the Vrije Universiteit Brussel your days will be spent in a dynamic, diverse and multilingual environment. Both our campuses are set within green oases on the outskirts of the centre of the capital of Flanders, Belgium and Europe. This centre, with all its opportunities, is within your reach by public transport in under half an hour.

Depending on your experience and academic merits you will receive a salary on one of the pay scales laid down by the government. Hospitalisation cover and free use of public transport for travel to and from work are standard conditions of employment. If you would rather cycle to work, compensation is also available for that. Both campuses have extensive sporting facilities which are at your disposal and a nursery is within walking distance.

More information is available at [www.vub.ac.be](http://www.vub.ac.be) under the heading 'future employees'.

**Additional information**

Planned starting date	01/09/2017
Length of contract	1 year initially, extendable
Deadline for application	Open
Contact person	Wouter Verbeke
Contact telephone	+32 2 629 20 53
Contact e-mail	<a href="mailto:Wouter.verbeke@vub.be">Wouter.verbeke@vub.be</a>

**Applications can only be submitted online (via the website of the Vrije Universiteit Brussel)**

All applications must at least include the following attachments:

- A concise motivation of the reason for applying including relevant experience (research activities, study stays etc.)
- A copy of the master degree