

**PART-TIME ACADEMIC POSITION IN DATA MANAGEMENT & BUSINESS ANALYTICS**

**(1/10<sup>THS</sup> OF A FULL-TIME POSITION, FOR A TOTAL VOLUME OF 30 HOURS/YEARS)**

**FACULTY SOLVAY BRUSSELS SCHOOL OF ECONOMICS AND MANAGEMENT**

Reference : 2019/A046

Application deadline : 01/06/2019

Start date : 01/10/2019

## Job description

The Solvay Brussels School of Economics and Management (SBS-EM) is the Faculty of Business and Economics of the Université libre de Bruxelles, one of the leading research universities in continental Europe. The School prides itself for its programmes that combine scientific rigour, contextual engagement and problem-solving skills. The School invites applications for a part-time position in Data management & business analytics. The course is taught in English in the Master in Management Science in the second term. It covers the fundamentals of company data management and some technical aspects. In particular, the course will cover the following topics: Data analytics thinking; Relational database; SQL; Big data, small data; Data privacy; From business problem to data mining solutions; Data mining process; Predictive analytics; Evaluation and performance; Visualization and telling a story with data; Datawarehouse and business intelligence; Descriptive analytics; Analytical advantage; Text mining; Application of data analysis in different business contexts (functional, sectoral and size of companies)

## Educational and scientific goals:

At the end of the course, the student will be able to:

- Clarify a business problem by asking the relevant questions.
- Run business analysis based on facts and data.
- Design a strategy about the nature of the data to be collected to answer a business problem.
- Understand and use vocabulary specific to business data analysis.
- Understand, articulate and coordinate the tools specific to each field involved (technical knowledge, quantitative analysis, business management, communication, project management).
- Justify the analytical choices made.

These skills will enable the future graduate to interact competently on the topics of data management and data science for business purpose and to contribute to the company transition towards a data driven management.

## Courses covered at the time of recruitment:

STAT-S406 – Data management and business analytics – taught in English – Q2

## Qualifications required

PhD Degree (with doctoral thesis) in Economics and Management

## Skills required

- Excellent command of English
- Good knowledge in French (B2) -applicants who do not speak French 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.
- Strong disciplinary knowledge of audit and advanced accounting
- Teaching experience

## Interested ?

For more information please contact Ms Evelyne Vanpoucke ([evelyne.vanpoucke@ulb.ac.be](mailto:evelyne.vanpoucke@ulb.ac.be)).

Applications must be sent by e-mail to the rectorate of the Université Libre de Bruxelles ([recteur@ulb.ac.be](mailto:recteur@ulb.ac.be)) and to the Dean of the Solvay Brussels School ([Dean-Office-SBS-EM@ulb.ac.be](mailto:Dean-Office-SBS-EM@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>)
- a teaching dossier including a 7,000-character report (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 programmes to which the applicant is to contribute
- the names and e-mail addresses of five referees (respecting the gender balance) who may be contacted by those in charge of evaluating applications. These referees should not have conflicts of interest because of family or emotional ties.

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>.