MASTER PROGRAM IN DATA SCIENCE

SCHOOL OF INFORMATION SCIENCES & TECHNOLOGY

PRESS RELEASE

Athens, 18th April 2016

Director of Studies: Associate Professor Vasilis Vassalos

AUEB ANNOUNCES NEW MASTER'S PROGRAM IN DATA SCIENCE

Weblink: http://datascience.aueb.gr

The Department of Informatics of the School of Information Sciences and Technology of the Athens University of Economics and Business, offers a new Master Program in Data Science (full-time & part time program) for the academic year 2016-2017.

Data Science is the study of data through computational and statistical techniques, in order to answer questions, develop explanatory and predictive models, perform analyses and communicate the results in revealing ways. Data science draws from a wide variety of disciplines such as computer science, artificial intelligence, statistics, economics, and operations research. It applies quantitative methods to uncover relationships in data drawn from business, medicine, financial, social or other domains. It is a key driver of improvements to all aspects of business, including strategy, operations, marketing, finance, and human resource management.

The Master of Science in Data Science, the first of its kind in Greece, offers students in-depth focus in data science while allowing them to tailor it their particular interests. Students will be interacting with diverse faculty members and other students, given the opportunity to complete innovative data science projects and be exposed to industry needs and real-life data science challenges.

The program focuses on computation and quantitative techniques and offers students new opportunities for building sustainable competitive advantage through data analysis. The part time includes 21 months of taught courses and potentially a 3 month-long Analytics Capstone project that enables students to work on a real-world data-intensive problem using the tools and skills learned in the program.

Early- and Mid-career professionals (at least 2 years full time professional experience required) wanting to face the challenge of understanding and exploiting the deluge of data in their organizations. Any professional (in private or public sector) with a mandate to gather, measure

and analyze information. Professionals especially in business consulting, retail banking, market research, quantitative marketing, IT, Business Intelligence, finance, operations as well as managers focused on using data to extract business value. Recent programming experience and facility with basic mathematical concepts and quantitative techniques are necessary.

Excellent recent graduates, or midcareer professionals looking to upskill, with strong technical/math skills, from engineering, mathematics, statistics, finance, economics, operations research, and computer science. Prospective students get excited about gathering, measuring and analyzing information and want to focus on quantitative, computational methods to unlock the potential of data assets to reveal patterns, make predictions and improve decision-making.

The admissions committee considers the totality of a candidate's experience, skills, personality and potential to reach a decision, aiming for a diverse class of motivated students who can most benefit from and contribute to our rigorous program of study.

Duration:

- o   Full time program, duration two (2) semesters
- o   Part time program, duration four (4) semesters

All lectures are held in **English language.**

Applications:

The application period for the MSc in Data Science (Full time & Part time) for this academic year (2016-2017) is as follows: **April 15th, 2016 to May 30th, 2016.**

Secretariat for Graduate Programs, Informatics Department, Athens University of Economics and Business, Evelpidon 47A & Lefkados, Athens 11362 Greece, 7th Floor, Office 705 (Monday-Thursday 12:00-14:00 and Friday 11:00-13:00, tel.: (+30) 210-82.03.645, e-mail: echiona@aueb.gr, Ms. Elpida Chiona.)