DATA ENGINEERING
International Program at Gdańsk University of Technology
FOREIGN STUDENTS WILL GET A MONTHLY SCHOLARSHIP OF 1500 PLN THROUGHOUT THE WHOLE DURATION OF STUDY
POLISH LANGUAGE COURSE FOR FOREIGNERS, INTEGRATION ACTIVITIES, SIGHTSEEING TRIPS AROUND POLAND

DATA ENGINEERING
AN INTERFACULTY FIELD OF STUDY

FACULTY OF ELECTRONICS, TELECOMMUNICATIONS AND INFORMATICS
www.eti.pg.edu.pl

FACULTY OF MANAGEMENT AND ECONOMICS
www.zie.pg.edu.pl

7 semesters
Language of instruction: English
September 2018 - February 2022
DATA ENGINEERING

Making important decisions is always based on collecting and analysing huge amounts of information. **Data engineering** helps achieve this goal by combining the experience and expertise of two areas: information technology and management. Students of this program will learn how to deal with large amounts of data from different sources and how to interpret them for businesses and economy. All this is based on the computer programmes and algorithms, and knowledge of mathematics, statistics and economics. Due to a significant number of practical classes graduates can be sure that they will not only be theoreticians, but also experts prepared to work in the business environment.

WHAT WILL YOU LEARN?

- You will learn to analyse and interpret economic data to make informed business decisions
- You will gain knowledge from many areas, such as mathematics, computer science, statistics, economics and will learn analytical thinking skills.
- You will get to know different programming languages
- You will understand the world of data mining and data warehouses (OLAP, OLTP, ETL)
- You will gain experience working with programming platforms for processing large data sets (Hadoop)
- You will learn to acquire, use, and process data using specialized tools for a variety of purposes

WHAT ARE WE OFFERING?

- Interdisciplinary studies, graduation with the degree of Bachelor in Science (Engineer degree).
- Two summer schools with workshops
- Intensive course of Polish language for foreigners with certificates
- Modern laboratories

WHAT WILL BE YOUR GAIN?

- You will study in one of the most popular business and tourism destinations in Europe (Gdańsk is the third best destination for a holiday or city-trip in 2017).
- You will study in the oldest university in the region, with a very modern approach.
- You will study for free if you are from EU (otherwise the fee is of 2000 EUR/semester).
- You will get the job of the 21st century.
- You will be fluent in Polish.

Useful information about studying at GUT, accommodation, cost of living, insurance, application process is available at:

For the first three semesters, the language of instruction is English. In the next four semesters, you will study partially in Polish and in English if you consider the specialisation: Creating Big Data solutions, and fully in English if you decide to take the specialisation: Big Data in management.
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