JADS data science programs

About JADS

Data Science is becoming more and more essential to find answers to the challenges of our era. Jheronimus Academy of Data Science is a unique concept in the Netherlands. In three different locations Data Science can be studied, researched and applied through bachelor and graduate programs, PD Eng education, Data Science Centers and incorporation into existing ecosystems.

With the unique cooperation between the Province of North Brabant, the Municipality of ‘s-Hertogenbosch, Tilburg University and Eindhoven University of Technology we create a new knowledge infrastructure with which Brabant puts itself at the heart of the future.

More information? Visit www.JADS.nl

Under graduate level
Joint Bachelor Data Science

The Bachelor Data Science is a joint undergraduate program by Tilburg University and Eindhoven University of Technology. The BSc in your stepping stone to turning Big Data into value-added solutions for technology, industry, government and society.

Graduate level
Other Master’s programs

We offer other data science Master’s programs at Eindhoven University of Technology and Tilburg University. Each MSc program focuses on a different data science application or area of expertise.

Master Data Science in Engineering
First Special Master’s program at Eindhoven University of Technology
Master’s Track Data Science Business and Governance
First Master’s track at Tilburg University
Master’s Track Business Analytics and Operations Research
First Master’s track at Tilburg University
Master’s Track Marketing Analytics
First Master’s track at Tilburg University

Post Graduate programs

PD Eng Program Data Science
The Professional Doctorate in Engineering (PD Eng) Program Data Science is a 2-year post-master program that focuses on applied techniques and design in a professional context. Students work in close collaboration with industry on large-scale, interdisciplinary projects.

PhD Programs Data Science
Once you have your Master’s degree, you can decide to do a PhD. This means getting involved in cutting-edge research at any one of the three campuses: TU/e, Tilburg University or JADS, depending on the focus of your research.

The Masters’ program Courses Overview

DEIA I - 1.1
DEIA II - 1.2
DEIA III - 2.1
Master Thesis - 2.2
The new two-year Msc Data Science and Entrepreneurship is a truly interdisciplinary business-technology-analytics program. It is ideal for students eager to bring data science into effective use in business. This program is executed in the beautiful Marienburg campus in the city of ’s-Hertogenbosch.

Master of Science & Entrepreneurship
The Master’s Program Data Science and Entrepreneurship is the first multidisciplinary data science program in the Netherlands, and has been developed from scratch by two universities combining technology with business context and social impact.

Why choose this master’s program?

- A unique educational experience: Challenging students with real-world data entrepreneur problems in tandem with industry.
- In close collaboration with the JADS ecosystem: Companies will be actively involved in teaching, assignment supervision, and initiating innovations, startups and accelerators.
- A unique combination of business and IT: Preparing you for a career at the interface of data science and entrepreneurship.
- Communication and Entrepreneurial skills: You are able to communicate effectively with different people, on diverse aspects of data science. You know how to use data to tell a story.
- Electives allow you to specialize: In your own area of interest, you specialize either more in IT and Data Science or Entrepreneurship and Business.

A new campus in ’s-Hertogenbosch dedicated to data science
The location in Marienburg combines the history of the convent with an exciting vision for data science. In addition to extensive facilities for educational purposes, the building also offers student accommodation and features a dedicated space for startups.

Career opportunities
The career opportunities for data scientists are sheer endless. Within an organization, you are the one who translates questions into technical data insights and wise advice. You can work for multinationals or manage your own data science company. Finding new markets and opportunities with data. Or you can work as a data consultant or analyst: from advising companies who want to know more about the purchasing behavior of their customers, to using big data to support police crime detection work, to helping healthcare institutes share global data to fight diseases like Malaria.

Understanding how to realize value through technology
The backbone of the program is the JADS Project Data Science, where you will work in groups and solve real-world problems with data.

A new data science campus | The program will be offered at an exclusive, brand new campus location, with the latest facilities, offering small-scale education and direct access to top-scientists and professionals the field of data entrepreneurship.

A Vibrant entrepreneurial environment | Our data science campus will offer substantial support in terms of providing office, state-of-the-art ICT facilities, advice, and help in acquiring subsidies, loans and equity for starting your own startup.

Great career prospects | The skills that you have as an entrepreneurial data scientist are in exceptionally high demand. After graduating you will already have six months of almost level-related experience due to the close cooperation with business.

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