Indicative Modules

Graduates of this specific master's program acquire a broad range of skills that equip them for a successful professional career. **Some of these skills include:**

Data Analytics: Ability to use statistical and mathematical methods to analyze large datasets.

Machine Learning and Artificial Intelligence: Understanding of machine learning and artificial intelligence algorithms for data analytics and the development of predictive models.

Data Management and Visualization: Ability to design and develop databases for data storage and retrieval.

Business Intelligence: Development and use of tools and techniques to extract business insights from data.

Communication Skills: Development of communication and collaboration skills for effective teamwork in a professional environment.

Research Skills: Mastery of various research methodologies for conducting rigorous and systematic investigations, enabling the development of evidence-based solutions and contributing to the advancement of knowledge in the field.

why choose this programme

Highly qualified experienced
University Tutors and
IT professionals
in Greece and abroad

State of the art curriculum
with options to choose between
Bioinformatics, Marketing Analytics,
or Business Analytics

Collaboration with industry companies
to transfer industry's know-how and facilitate job placement from the first year of studies

Evaluation through practical assignments
aimed at creating personal portfolios

Programme flexibility
with full or part-time studies

CAREER

"Upon completing this specialized postgraduate program, graduates will be well-positioned to pursue outstanding career opportunities across a diverse array of roles within the cutting-edge field of information technology. Specifically, graduates will be equipped to excel in areas such as Data Science and Big Data Analytics/Management Technologies. Moreover, they will possess a competitive edge for employment in software consulting firms, enterprises focused on software development, and IT departments of major organizations in sectors such as finance, telecommunications, and the public sector. Additionally, graduates will be prepared for careers in research, further enhancing their professional versatility and potential for impact.
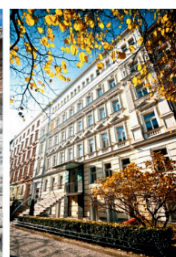
NEW YORK COLLEGE
THE INTERNATIONAL COLLEGE OF GREECE
The LEADING College
of University Studies in Greece:
The **ONLY** Greek College with expertise in founding and operating Private Universities in Europe!

MSc in Data Analytics & Technologies
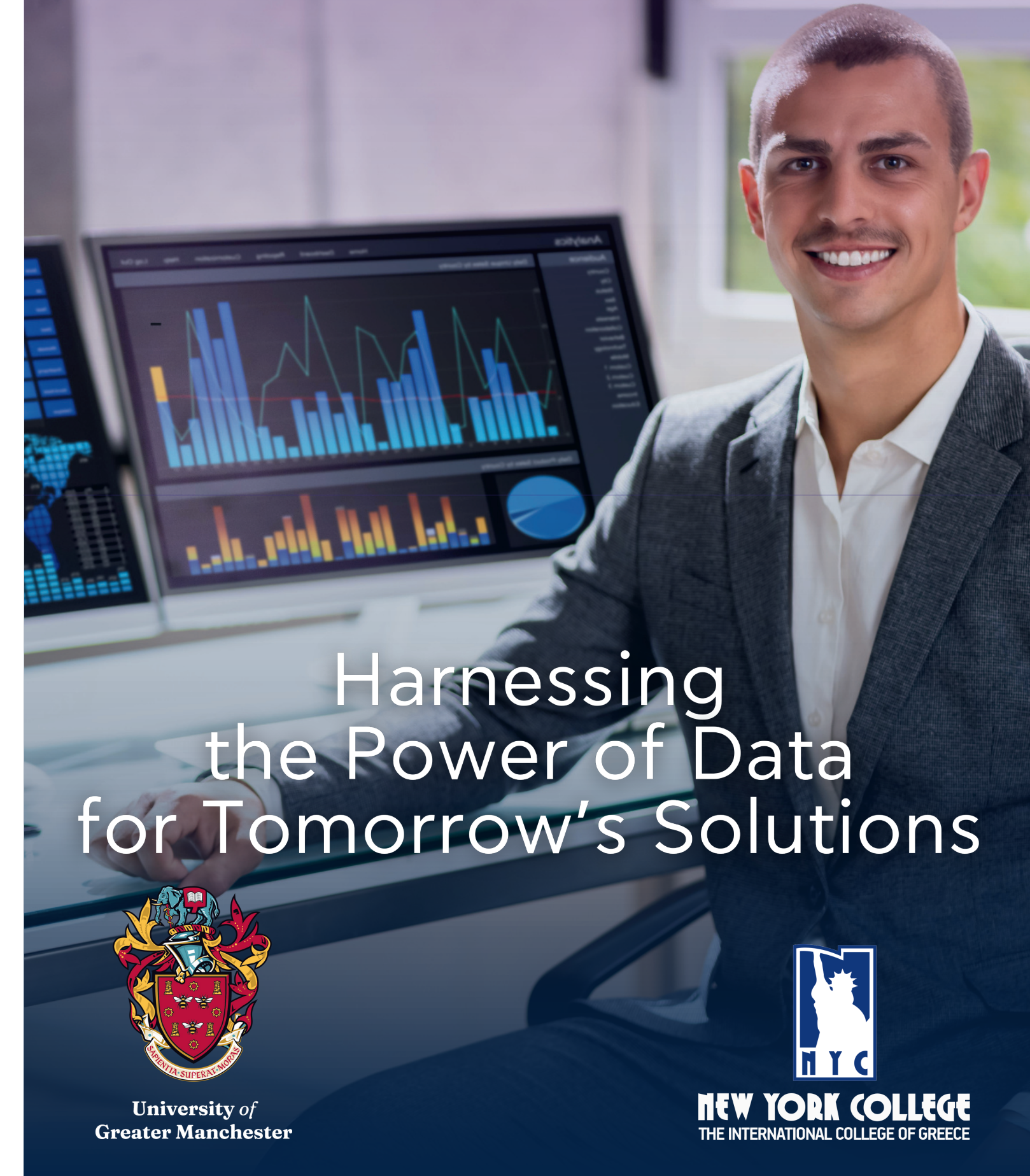
Harnessing the Power of Data for Tomorrow's Solutions

University *of* Greater Manchester

NEW YORK COLLEGE
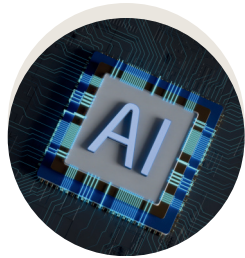THE INTERNATIONAL COLLEGE OF GREECE

The University of Greater Manchester, offers a comprehensive **MSc in Data Analytics and Technologies** with studies at New York College, providing you with the opportunity to master the latest methodologies and techniques for managing and analyzing large volumes of data. This program delves deeply into real-time Data Science, equipping you with the skills needed to navigate and excel in this dynamic field.

Designed in collaboration with industry partners, our curriculum ensures that you not only acquire technical expertise but also gain a profound understanding of the ethical issues pertinent to your future professional endeavors. The program is meticulously structured to prepare you for a successful postgraduate career by fostering advanced intellectual skills in research, critical thinking, composition, and innovation. Additionally, it emphasizes the development of essential competencies such as teamwork and academic writing.

EMBRACING
DATA ANALYTICS
Pioneering Tomorrow's
INNOVATIONS

DATA ANALYTICS	MACHINE LEARNING & AI	DATA MANAGEMENT & VISUALIZATION	BUSINESS INTELLIGENCE	COMMUNICATION SKILLS

> "
> **In today's data-driven world, the ability to extract insights from vast amounts of information is a game-changer.**
>
> **The MSc in Data Analytics program at New York College of Greece is designed to equip students with advanced analytical skills, preparing them to make data-driven decisions that enchance business success and innovation.**
>
> **From Big Data management and predictive analytics to machine learning and AI-driven solutions, this program bridges the gap between raw data and actionable intelligence. As Artificial Intelligence revolutionizes industries, the synergy between Data Analytics and AI empowers professionals to uncover patterns, optimize strategies, and solve complex challenges in real-time.**
>
> **By mastering cutting-edge tools and methodologies, students will be prepared to lead in a world where data shapes the future.**
>
> **Saiti Kyriaki,
> BSc, MSc, MBA, PhD**
> Head of Informatics Department
> New York College

Programme Duration

Programme flexibility with full or part-time studies
Classes take place on Friday evenings & on Saturdays

Full time: 12 months
including the preparation of the thesis under the supervision of a supervising professor

Part Time: 24 months
including the preparation of the thesis under the supervision of a supervising professor

CURRICULUM
- **Professional Practice**
- **Research Methods**
- **Data Analysis and Visualization**
- **Big Data Analytics**
- **Data Mining and Machine Learning**
- **Project**

Choose one of the following modules:
- Business Analytics
- Health Informatics
- Marketing Analytics

WE HAVE THE
ALGORITHM
TO SUCCEED

University of
Greater Manchester
IN THE 30 BEST UNIVERSITIES IN THE UK!
(Guardian 2024)

The public British university University of Greater Manchester (known until 2024 as the University of Bolton) has a long history and strong commitment to the provision of high-quality education. It was founded in 1824 as Bolton Mechanics' Institute, one of the first educational institutions in Great Britain. The University of Greater Manchester has managed to stand out for the quality of its teaching. The Times and Sunday Times Good University Guide 2023 ranks it first in North West England for teaching quality, the Complete University Guide 2024 ranks it first in student satisfaction, while the University held the 30th position according to the Guardian's 2024 ranking list of British Universities. Recently, the BBC highlighted the UNIVERSITY OF Greater Manchester as a model for the Universities of Britain regarding its operating standards for student safety during the Covid-19 pandemic, and the British Minister of Education Michelle Donelan, from the podium of the House of Commons, referred to the "amazing work the University is doing." New York College has a franchise agreement in accordance with the legislation of the Greek Ministry of Education, and the degree you will receive at the end of your studies is awarded by the University itself.

Greater Manchester's No.1 University for Student Satisfaction for the last 6 years

1st
IN THE NORTH WEST FOR
STUDENT SATISFACTION
THE COMPLETE UNIVERSITY GUIDE
2019 - 2024