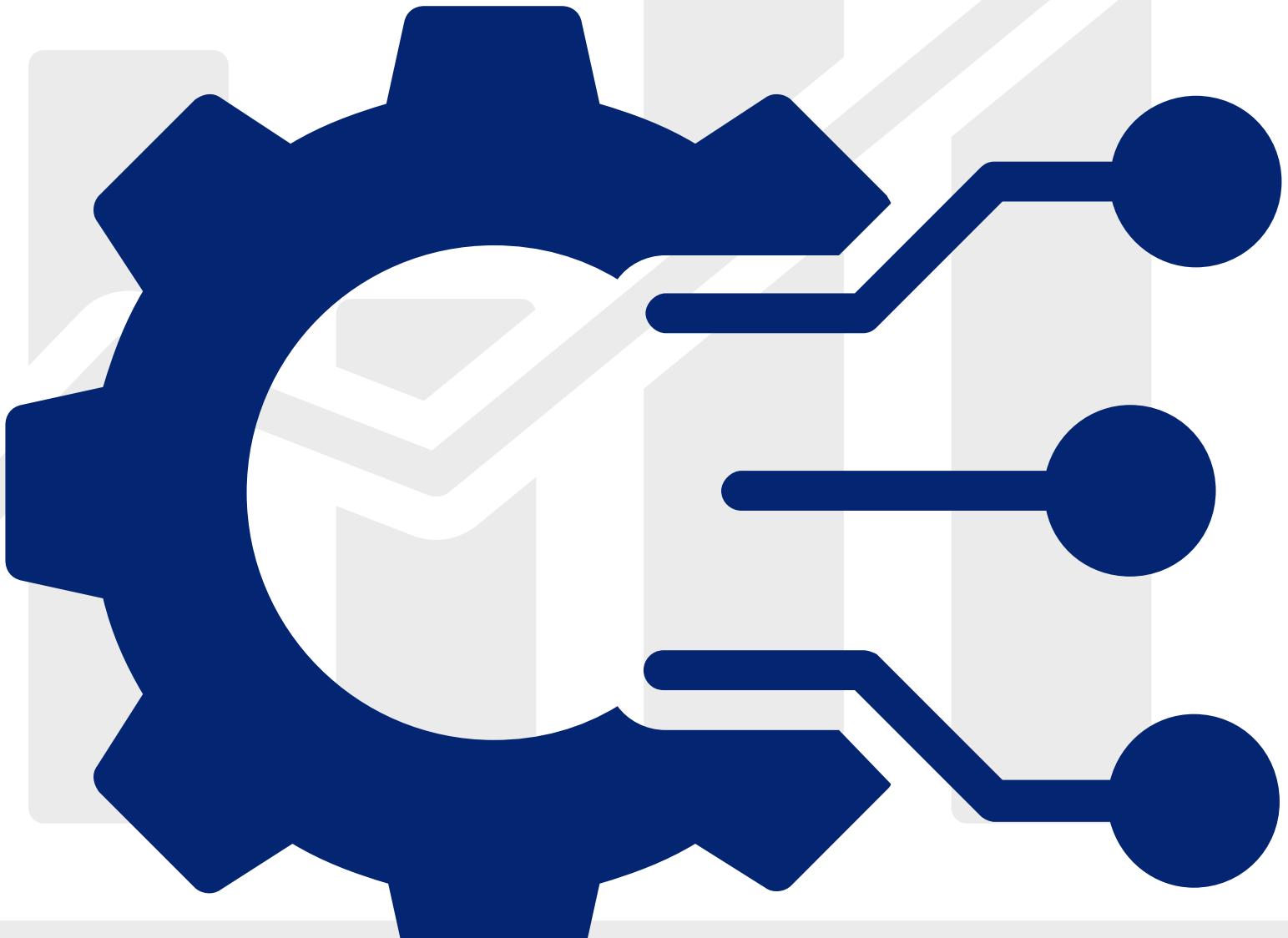


# MSc

# Data Analytics

# and Technologies



# Awarded By



This degree is awarded by the University of Greater Manchester and distance delivered online by WINC



## Duration

1 Year



## Mode of Study

Full Time/Online Delivery with Scheduled Lectures



## Credit Value

180 Credits



## Assessment

Assignments for each module with live oral presentations



## Structure

7 Modules



## Support

Study Materials/E-library



# OVERVIEW

The MSc Data Analytics and Technologies is an innovative and dynamic program designed to equip students with the necessary skills and expertise in data analytics. Students will learn how to analyse and interpret data, uncover valuable insights, and effectively communicate their discoveries. This programme combines specialised study in data analytics with essential training in high-level transferable skills.

# ABOUT UNIVERSITY OF GREATER MANCHESTER

The University of Greater Manchester, based in Greater Manchester, United Kingdom, is dedicated to delivering excellence in education. With a rich history spanning over 190 years, the university is renowned for its rigorous academics and practical skills development. It prepares students for future careers by offering globally recognised programmes tailored to industry demands.



University of  
Greater  
Manchester



# ENTRY REQUIREMENTS

To apply for the MSc Data Analytics and Technologies programme, the following documents and qualifications are required:

- Curriculum Vitae (CV)
- Honours degree (or equivalent) in a computing-related subject
- Proof of identification (ID)
- Completed application form

## How STUDENTS STUDY

Learning and teaching methods apply a blended style. This may include lectures, seminars, tutorials and critiques, self-directed learning, e-learning and laboratory/workshop sessions, as well as online sessions and support. Practical skills are acquired through technical introduction and support, workshop sessions, demonstrations and activity-based assignments. Active learning is promoted with a strong practical theme, throughout.





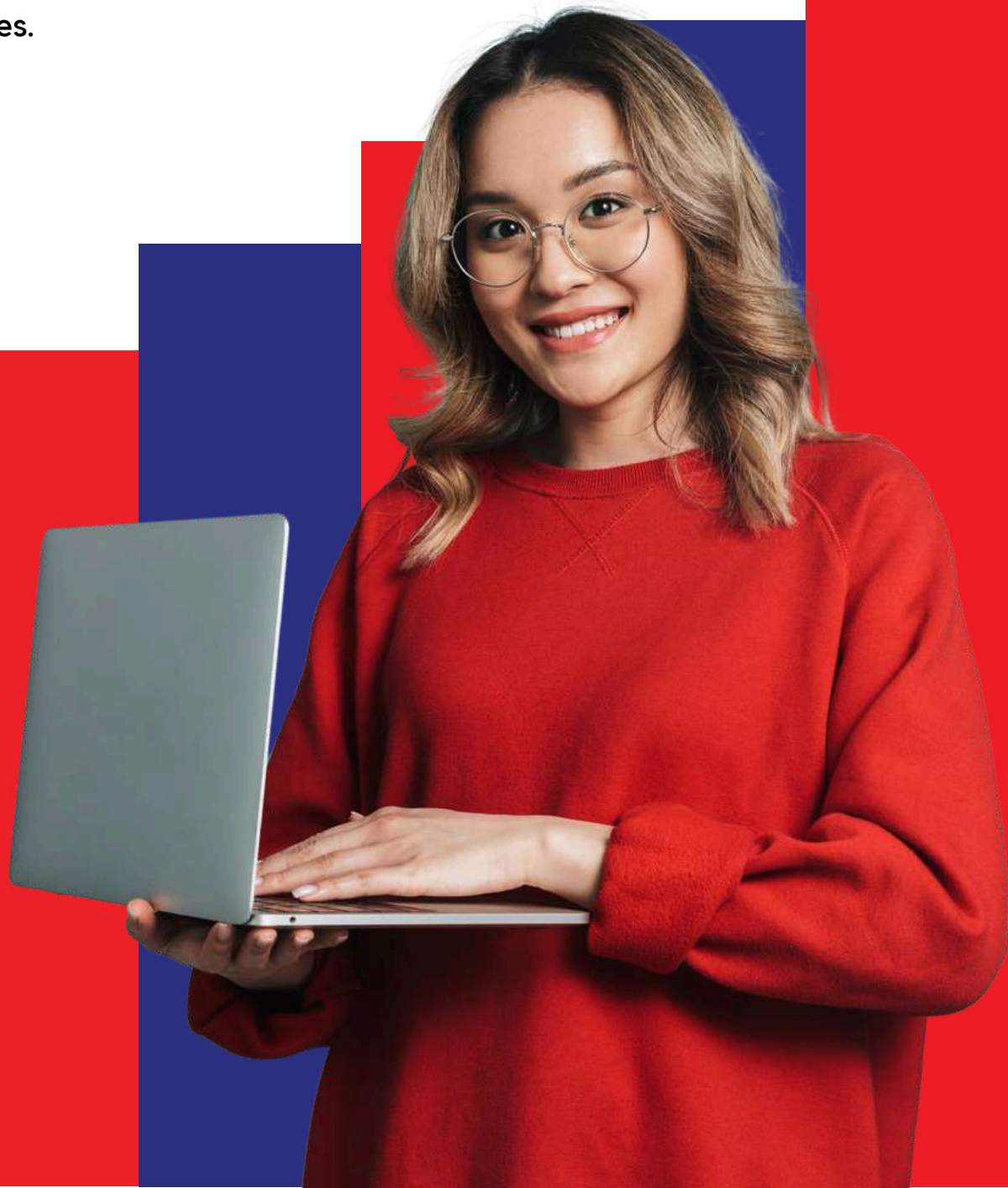
# QUALIFICATION STRUCTURE

The following modules will be covered in the MSc Data Analytics and Technologies degree course, carrying a total of 180 credits.

Course Title	Credits	Module Type
Professional Practice	20	Core
Research Methods	20	Core
Data Analysis and Visualisation	20	Core
Big Data Analytics	20	Core
Data Mining and Machine Learning	20	Core
Business Analytics	20	Offered
Project	60	Core

# CAREER PROGRESSION

MSc Data Analytics and Technologies graduates swiftly advance as data experts, excelling in roles such as data scientists, analysts, and consultants across industries. With a blend of statistical analysis, machine learning, and data visualization skills, individuals in this field drive innovation and strategic decision-making, often rising to leadership positions and shaping the future of data-driven industries.



# ADVANTAGES TO THE STUDENT

No need to 'travel' to class

Attend class when travelling away from the workplace

Recordings always available to review

Greater diversity of currently employed students

Parent university faculty involvement

Re-location/Visa not a problem



# RESOURCES To SUPPORT DELIVERY



**Initial joining instructions and support to download and use  
Zoom Live**



**Asynchronous support using Moodle for resources, assignment  
hand in (TurnItIn Integral)**



**Access to online resources - study skills support**



**Synchronous live delivery of lectures (can be recorded for  
future reference)**



**One to one synchronous office hours**



**Thorough Induction covering all aspects**



# PROGRAMME LOGISTICS

Intakes in January, May and September

Admissions close on the date of Induction

Students are issued a University of Greater Manchester Login and ID Number within 4 weeks

Access to Moodle comes with the UoGM Login

Access to Zoom is issued for Induction





WESTERN  
INTERNATIONAL  
COLLEGE  
ONLINE

A CLASS OF ITS OWN - VIRTU@LLY

 Office 106, Longcroft House, 2-8 Victoria Avenue, London, EC2M 4NS, UK.

 [info@wincedu.uk](mailto:info@wincedu.uk)

 + 44 020 33931771

 + 44 754 7796461

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