UNIVERSITY OF WOLVERHAMPTON ONLINE

University of Wolverhampton

MSc Data Science

Times Higher Education World University Rankings 2024

#601-800

Turn your passion into expertise

Fit learning into your life. Keep growing.

MSc Data Science

Study while working / Online learning

03

Chinese-taught supplementary courses

03

Electives taught by international faculty

03

Core courses taught by international faculty

Programme introduction

PROGRAMME INTRODUCTION

Your expertise. Your next step.

The MSc Data Science programme uses work-based learning as its pathway, centring on knowledge updating, research methods and practical issues to support the continuing expansion of professional perspectives.

From understanding to application

Connect the different knowledge from the programme with work experience to form a more structured approach to problem analysis through learning, reflection and research.

Curriculum

CURRICULUM

Chinese-taught supplementary courses

01 Big Data and Artificial Intelligence Applications

02 Business model innovation in the context of big data

03 Corporate strategy decoding, planning and implementation

Electives taught by international faculty

04 Corporate marketing strategy

05 Financial Management

06 Economic Psychology

Core courses taught by international faculty

07 Leading strategic management projects

08 Strategic Direction

09 Strategic Planning

Coursework → Dissertation stage

The above curriculum is for reference only; the actual course arrangement is subject to the teaching plan.

A clear pathway for your growth

YOUR LEARNING JOURNEY

Stage 1 · Coursework

Complete the Chinese-taught supplementary courses, foreign-taught elective courses and foreign-taught core courses, connecting knowledge structures with practical experience.

Stage 2 · Dissertation research

Complete an English dissertation of approximately 15,000 words and pass the University supervisor’s review.

Get to know your university

UNIVERSITY OF WOLVERHAMPTON

The history of the University of Wolverhampton can be traced back to the 19th-century Mechanics' Institute and School of Art. Located in the Midlands, England, the University offers foundation, undergraduate and postgraduate programmes, with a number of courses recognised by professional bodies.

More than 21,000 students study across three main teaching sites and partner institutions. Through flexible courses, innovative teaching and research closely connected with practice, the University supports learners at different stages to continue growing.

University rankings and strengths

ACADEMIC STRENGTH

601-800

THE World University Rankings 2024

1001-1200

QS World University Rankings 2025

93

U.S. News UK University Rankings 2024

111

CUG UK University Rankings 2025

University honours and recognition

RECOGNITION & EXCELLENCE

QAA

UK higher education quality assurance

TEF SILVER

UK Teaching Excellence Framework Silver Award

QS STARS

QS Stars four-star rating

Build knowledge. Shape your future.

Why this programme

WHY THIS PROGRAMME

Flexible learning

Let postgraduate study integrate into work and life, continuing to build for the next step in your career.

Learning for practice

Connect theory, research methods and practical issues to form clearer judgement through understanding.

Continued growth

Update knowledge structures, broaden professional perspectives and turn personal aspirations into concrete learning actions.

Knowledge that serves your goals

PROFESSIONAL PERSPECTIVES

Learn more. Broaden your professional horizons.

Big Data and Artificial Intelligence Applications

Business model innovation in the context of big data

Corporate strategy decoding, planning and implementation

Support for your learning. Direction for your growth.

LEARNING & DEVELOPMENT

Structured around the way you work

Flexible courses enable learners from different backgrounds to continue enhancing their knowledge, skills and professional confidence.

Take the next step

Undertake retraining, enrich work experience and expand employability to create new possibilities for career development.

Keep progressing towards a better you

YOUR NEXT CHAPTER

Bring learning into your working life

Using the programme as a starting point, continue to deepen understanding through reading, discussion and research. Let every stage of learning build strength for the next stage of development.

Alumni voices

ALUMNI VOICES

“

In terms of education, the University of Wolverhampton is the first place where I felt at home.

Sandra Wallace · Director at DLA Piper

“

I am grateful for everything that happened to me at the University, which sparked a great deal of intellectual exchange in me.

Chris Blythe OBE · Alumnus

Entry requirements

ENTRY REQUIREMENTS

A bachelor's degree and at least 2 years of work experience.

A college diploma and at least 5 years of work experience, including at least 3 years in management.

Applicants who do not meet the requirements above may be recommended by the programme admissions office. Sufficient supporting documentation must demonstrate substantial relevant experience and achievements.

Application materials

APPLICATION CHECKLIST

01 CV (in Chinese and English)

02 Personal application form (in Chinese and English)

03 Scanned copy of the passport information page (if no passport is available, scanned copies of both sides of the ID card may be provided initially)

04 Employment certificate in Chinese, bearing the official company seal, and an English translation.
Highlight at least 3 years of work experience, describe the duties performed and demonstrate work in an English-speaking environment.

05 Graduation certificate and translation

06 Degree certificate and an English translation. Applicants without a degree certificate must have at least 3 years of management experience.

Your next chapter starts with continued growth

University of Wolverhampton

MSc Data Science