UNIVERSITY OF WOLVERHAMPTON

Course Specification

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Core Information

Awarding Body / Institution:	University of Wolverhampton		
School / Institute:	School of Architecture, Computing and Engineering		
Course Code(s):	CS067P01UM CS067P31UM	Full-time Part-time	15 Months 28 Months
Course Title:	MSc Artificial Intelligence		
Hierarchy of Awards:	Master of Science Artificial Intelligence		
Language of Study:	English		
Date of first cohort:	14/Sep/2026		
Specification valid from:	2025/6		

Academic Staff

Course Leader:	Dr Liam Naughton
Head of Department:	

Course Information

Location of Delivery:	University of Wolverhampton
Category of Partnership:	Standard Provision (Not delivered in partnership)
Teaching Institution:	University of Wolverhampton
Open / Closed Course:	This course is open to all suitably qualified candidates.

Entry Requirements:

Entry requirements are subject to regular review. The entry requirements applicable to a particular academic year will be published on the University website (and externally as appropriate e.g. UCAS

This is a conversion MSc which means that it is aimed at graduates from a wide variety of disciplines who wish to enhance their skills to pursue careers as Artificial Intelligence professionals. Minimum entry requirements are

1. A lower second class honours degree in **any** discipline.
1. GCSE Grade 4 in Mathematics (formerly Grade C) **or equivalent**

If you do not hold a GCSE Grade 4 in Mathematics or equivalent then you have the option of completing our GCSE Mathematics Equivalence course to meet this requirement.

Alternatively:

Evidence of industrial experience in a relevant area will be considered. An interview process will also be utilised to verify suitability for the course for candidates with non-standard academic backgrounds but with demonstrable industry experience.

International Applicants

Your qualifications need to be deemed equivalent to the above entry requirements.

1. English Language requirements are normally IELTS 6.0 with a minimum of 5.5 in each area (unless otherwise stated) or equivalent accepted qualification https://www.wlv.ac.uk/international/international-academy/courses-at-the-international-academy/language-entry-requirements/
1. Please use the following link https://www.wlv.ac.uk/international/ to see the range of English Language Pre-Sessional courses and related Pre-MSc courses offered by the University of Wolverhampton International Academy.
1. For further information relating to overseas qualification, please use the following link https://www.wlv.ac.uk/international/our-locations/your-country/

Distinctive Features of the Course:

MSc Artificial Intelligence is designed for students who want to develop advanced technical, analytical and professional skills that are directly relevant to the modern digital economy. The course combines strong academic foundations in artificial intelligence, machine learning, intelligent systems and data-driven technologies with a practical, career-focused approach that prepares students to apply their learning in real organisational settings. Our MSc Artificial Intelligence is distinctive because it goes beyond technical training alone, giving students opportunities to develop professional experience, industry awareness and applied problem-solving skills alongside their academic studies.

A particular strength of the course is its alignment with the University's curriculum framework through the Digital Citizenship for Computing module, which embeds flexible placements and internships within the student experience. This gives students valuable opportunities to engage with professional practice in a way that complements their academic learning. The course is further enhanced by the University's partnership with the IBM-i i-UG User Group, through which students may have opportunities to undertake flexible placements and micro-internships with member companies, helping them gain industry insight, build networks and apply their skills in authentic contexts.

The course also supports specialist professional development through embedded SAS training across the curriculum, enabling it to meet the requirements for SAS Tier 1 specialisation. This strengthens students' technical profile and helps ensure that their learning reflects tools and approaches valued by employers.

Distinctive features include:

- Embedded flexible placements and internships through the Digital Citizenship for Computing module.
- Opportunities for micro-internships and flexible placements with IBM-i i-UG User Group member companies.
- A curriculum that integrates SAS training across the course, supporting SAS Tier 1 specialisation.
- A strong emphasis on applied artificial intelligence, linking theory to real-world problem solving.
- Coverage of industry relevant areas including machine learning, intelligent systems, AI applications and data-driven decision-making.
- Opportunities to work with authentic datasets, case studies and project based learning.
- Development of both technical expertise and wider professional skills valued by employers.
- A supportive, career focused learning environment designed to enhance employability, confidence and professional networks.

Intakes:

September
November

January
March

Major Source of Funding:

Office for Students (OFS)

Tuition Fees:

Tuition fees are reviewed on an annual basis. The fees applicable to a particular academic year will be published on the University website.

Year	Status	Mode	Amount
2026/7	H	Full Time	£11015.00
2026/7	Overseas	Full Time	£18645.00
2026/7	H	31	£5508.00

PSRB:

None

Course Structure:

January (Full-time)

Part time students study alongside full time students. However, they do not study more than 90 credits in each academic calendar year.

Module	Title	Credits	Period	Type
7CS116	Digital Citizenship for Computing	15	INYR	Core
7CS117	Generative Artifical Intelligence	15	INYR	Core
7CS122	Research Methods & Professionalism	15	INYR	Core
7CS125	Complex Network Analysis and Optimisation	15	INYR	Core

January (Part-time)

Module	Title	Credits	Period	Type
7CS116	Digital Citizenship for Computing	15	INYR	Core
7CS122	Research Methods & Professionalism	15	INYR	Core

January (Full-time)

Part time students study alongside full time students. However, they do not study more than 90 credits in each academic calendar year.

Module	Title	Credits	Period	Type
7CS126	Principles of Artificial Intelligence	15	INYR	Core
7CS131	Data Science	15	INYR	Core
7CS127	Deep Machine Learning	15	INYR	Core
7CS130	Applied Statistics	15	INYR	Core

January (Part-time)

Module	Title	Credits	Period	Type
7CS131	Data Science	15	INYR	Core
7CS127	Deep Machine Learning	15	INYR	Core

January (Full-time)

Part time students study alongside full time students. However, they do not study more than 90 credits in each academic calendar year.

Module	Title	Credits	Period	Type
7CS121	MSc Project Artificial Intelligence	60	INYR	Core
7CS116	Digital Citizenship for Computing	15	INYR	Core
7CS117	Generative Artifical Intelligence	15	INYR	Core
7CS122	Research Methods & Professionalism	15	INYR	Core
7CS125	Complex Network Analysis and Optimisation	15	INYR	Core

January (Part-time)

Module	Title	Credits	Period	Type
7CS117	Generative Artifical Intelligence	15	INYR	Core
7CS125	Complex Network Analysis and Optimisation	15	INYR	Core

January (Part-time)

Module	Title	Credits	Period	Type
7CS126	Principles of Artificial Intelligence	15	INYR	Core
7CS130	Applied Statistics	15	INYR	Core

January (Part-time)

Module	Title	Credits	Period	Type
7CS121	MSc Project Artificial Intelligence	60	INYR	Core

March (Full-time)

Part time students study alongside full time students. However, they do not study more than 90 credits in each academic calendar year.

Module	Title	Credits	Period	Type
7CS122	Research Methods & Professionalism	15	INYR	Core
7CS125	Complex Network Analysis and Optimisation	15	INYR	Core

March (Part-time)

Module	Title	Credits	Period	Type
7CS122	Research Methods & Professionalism	15	INYR	Core

March (Full-time)

Part time students study alongside full time students. However, they do not study more than 90 credits in each academic calendar year.

Module	Title	Credits	Period	Type
7CS126	Principles of Artificial Intelligence	15	INYR	Core
7CS131	Data Science	15	INYR	Core
7CS127	Deep Machine Learning	15	INYR	Core
7CS130	Applied Statistics	15	INYR	Core
7CS116	Digital Citizenship for Computing	15	INYR	Core
7CS117	Generative Artifical Intelligence	15	INYR	Core

March (Part-time)

Module	Title	Credits	Period	Type
7CS131	Data Science	15	INYR	Core
7CS127	Deep Machine Learning	15	INYR	Core
7CS116	Digital Citizenship for Computing	15	INYR	Core

March (Part-time)

Module	Title	Credits	Period	Type
7CS126	Principles of Artificial Intelligence	15	INYR	Core
7CS130	Applied Statistics	15	INYR	Core
7CS117	Generative Artifical Intelligence	15	INYR	Core

March (Full-time)

Part time students study alongside full time students. However, they do not study more than 90 credits in each academic calendar year.

Module	Title	Credits	Period	Type
7CS121	MSc Project Artificial Intelligence	60	INYR	Core

March (Part-time)

Module	Title	Credits	Period	Type
7CS125	Complex Network Analysis and Optimisation	15	INYR	Core

March (Part-time)

Module	Title	Credits	Period	Type
7CS121	MSc Project Artificial Intelligence	60	INYR	Core

September (Full-time)

Part time students study alongside full time students. However, they do not study more than 90 credits in each academic calendar year.

Module	Title	Credits	Period	Type
7CS126	Principles of Artificial Intelligence	15	INYR	Core
7CS131	Data Science	15	INYR	Core
7CS127	Deep Machine Learning	15	INYR	Core
7CS130	Applied Statistics	15	INYR	Core
7CS116	Digital Citizenship for Computing	15	INYR	Core
7CS117	Generative Artifical Intelligence	15	INYR	Core
7CS122	Research Methods & Professionalism	15	INYR	Core
7CS125	Complex Network Analysis and Optimisation	15	INYR	Core

September (Part-time)

Module	Title	Credits	Period	Type
7CS131	Data Science	15	INYR	Core
7CS127	Deep Machine Learning	15	INYR	Core
7CS116	Digital Citizenship for Computing	15	INYR	Core
7CS122	Research Methods & Professionalism	15	INYR	Core

September (Full-time)

Part time students study alongside full time students. However, they do not study more than 90 credits

in each academic calendar year.

Module	Title	Credits	Period	Type
7CS121	MSc Project Artificial Intelligence	60	INYR	Core

September (Part-time)

Module	Title	Credits	Period	Type
7CS126	Principles of Artificial Intelligence	15	INYR	Core
7CS130	Applied Statistics	15	INYR	Core
7CS117	Generative Artifical Intelligence	15	INYR	Core
7CS125	Complex Network Analysis and Optimisation	15	INYR	Core

September (Part-time)

Module	Title	Credits	Period	Type
7CS121	MSc Project Artificial Intelligence	60	INYR	Core

November (Full-time)

Part time students study alongside full time students. However, they do not study more than 90 credits in each academic calendar year.

Module	Title	Credits	Period	Type
7CS130	Applied Statistics	15	INYR	Core
7CS117	Generative Artifical Intelligence	15	INYR	Core
7CS125	Complex Network Analysis and Optimisation	15	INYR	Core
7CS127	Deep Machine Learning	15	INYR	Core
7CS116	Digital Citizenship for Computing	15	INYR	Core
7CS122	Research Methods & Professionalism	15	INYR	Core

November (Part-time)

Module	Title	Credits	Period	Type
7CS127	Deep Machine Learning	15	INYR	Core
7CS116	Digital Citizenship for Computing	15	INYR	Core
7CS122	Research Methods & Professionalism	15	INYR	Core

November (Full-time)

Part time students study alongside full time students. However, they do not study more than 90 credits in each academic calendar year.

Module	Title	Credits	Period	Type
7CS126	Principles of Artificial Intelligence	15	INYR	Core
7CS131	Data Science	15	INYR	Core

November (Part-time)

Module	Title	Credits	Period	Type
7CS131	Data Science	15	INYR	Core

November (Full-time)

Part time students study alongside full time students. However, they do not study more than 90 credits in each academic calendar year.

Module	Title	Credits	Period	Type
7CS121	MSc Project Artificial Intelligence	60	INYR	Core

November (Part-time)

Module	Title	Credits	Period	Type
7CS130	Applied Statistics	15	INYR	Core
7CS117	Generative Artifical Intelligence	15	INYR	Core
7CS125	Complex Network Analysis and Optimisation	15	INYR	Core

November (Part-time)

Module	Title	Credits	Period	Type
7CS126	Principles of Artificial Intelligence	15	INYR	Core

November (Part-time)

Module	Title	Credits	Period	Type
7CS121	MSc Project Artificial Intelligence	60	INYR	Core

Please note: Optional modules might not run every year, the course team will decide on an annual basis which options will be running, based on student demand and academic factors, to create the best learning experience.

Learning, Teaching and Assessment

Regulations Exemption:

Section 1.3.1 - Exemption from the standard University Academic Framework allowing for the use of 15

credit taught modules at Level 7.

Reference Points:

UK Quality Code for Higher Education

Qualifications and Credit Frameworks

Subject Benchmark Statements

University Policies and Regulations

Equality Act 2010: guidance - GOV.UK

Apprenticeship Standard

Overview of Assessment:

Learning Outcomes	Modules
PGCERT01 Critically evaluate and apply current theories, concepts and insights informed by, the forefront of your academic discipline, field of study or area of professional practice (Knowing)	7CS116 Digital Citizenship for Computing 7CS126 Principles of Artificial Intelligence 7CS131 Data Science
PGCERT02 Demonstrate in-depth knowledge and practical and/or professional skills in your discipline. (Knowing)	7CS116 Digital Citizenship for Computing 7CS117 Generative Artifical Intelligence 7CS122 Research Methods & Professionalism
PGCERT03 Make informed decisions on complex issues, and communicate your conclusions clearly to different audiences. (Doing)	7CS125 Complex Network Analysis and Optimisation 7CS127 Deep Machine Learning 7CS130 Applied Statistics
PGCERT04 Demonstrate self-direction and originality in tackling and solving problems, and act autonomously in planning and implementing tasks at a professional or equivalent level. (Doing)	7CS122 Research Methods & Professionalism 7CS130 Applied Statistics 7CS131 Data Science
PGCERT05 Critically analyse, identify and utilise various study methods to improve your own performance. (Being)	7CS117 Generative Artifical Intelligence 7CS122 Research Methods & Professionalism 7CS127 Deep Machine Learning
PGCERT06 Reflect on your own achievements, identify future goals and plan for a further career or study (Being)	7CS116 Digital Citizenship for Computing 7CS125 Complex Network Analysis and Optimisation 7CS126 Principles of Artificial Intelligence
PGDIP01 Demonstrate critical evaluation of current computer science theories, concepts and insights informed by, the forefront of the computer science discipline, field of study and area of professional practice. Show how you have applied this knowledge in original and insightful ways. (Knowing)	7CS116 Digital Citizenship for Computing 7CS126 Principles of Artificial Intelligence 7CS131 Data Science
PGDIP02 Demonstrate in-depth knowledge and practical and/or professional skills in AI and computer science. (Knowing)	7CS116 Digital Citizenship for Computing 7CS117 Generative Artifical Intelligence 7CS122 Research Methods & Professionalism
PGDIP03 Make informed decisions on complex data driven issues, and communicate your conclusions clearly to different audiences employing computer science discipline conventions and expectations. (Doing)	7CS125 Complex Network Analysis and Optimisation 7CS127 Deep Machine Learning 7CS130 Applied Statistics
PGDIP04 Demonstrate self-direction and originality in tackling and solving data & AI focused problems, acting independently and autonomously in planning and implementing tasks at a professional or equivalent level. (Doing)	7CS122 Research Methods & Professionalism 7CS130 Applied Statistics 7CS131 Data Science

Learning Outcomes	Modules
PGDIP05 Critically analyse, identify and utilise various study methods to improve your own performance. (Being)	7CS117 Generative Artifical Intelligence 7CS122 Research Methods & Professionalism 7CS127 Deep Machine Learning
PGDIP06 Reflect on your own achievements and plan for a future career or further study with AI and the advanced analytics field. (Being)	7CS116 Digital Citizenship for Computing 7CS125 Complex Network Analysis and Optimisation 7CS126 Principles of Artificial Intelligence
MA01 Demonstrate a systematic understanding of knowledge, and a critical awareness of current AI challenges & problems and/or new insights, much of which is at, or informed by, the forefront of the broader computer science discipline, field of study and area of professional practice (Knowing)	7CS116 Digital Citizenship for Computing 7CS121 MSc Project Artificial Intelligence 7CS126 Principles of Artificial Intelligence 7CS131 Data Science
MA02 Show originality in the application of AI knowledge, together with a practical understanding of how established techniques of research and enquiry are used to create and interpret knowledge in the broader computer science discipline (Knowing)	7CS116 Digital Citizenship for Computing 7CS117 Generative Artifical Intelligence 7CS121 MSc Project Artificial Intelligence 7CS122 Research Methods & Professionalism
MA03 Deal with complex issues - both systematically and creatively, make sound judgements in the absence of complete data, and communicate your conclusions clearly to specialist and non-specialist audiences. (Doing)	7CS127 Deep Machine Learning 7CS130 Applied Statistics
MA04 Demonstrate self-direction and originality in tackling and solving data and AI informed problems, and act autonomously in planning and implementing tasks at a professional or equivalent level. (Doing)	7CS122 Research Methods & Professionalism 7CS130 Applied Statistics 7CS131 Data Science
MA05 Exercise initiative and personal responsibility and show decision-making in complex and unpredictable situations. (Being)	7CS117 Generative Artifical Intelligence 7CS122 Research Methods & Professionalism 7CS126 Principles of Artificial Intelligence 7CS127 Deep Machine Learning
MA06 Show how you continue to advance your knowledge and understanding, through developing new skills to a high level, independent learning and continuing professional development. (Being)	7CS121 MSc Project Artificial Intelligence

Teaching, Learning & Assessment Strategy/(Learning and Teaching):

Our MSc Artificial Intelligence is taught through a blend of structured teaching, practical application and independent learning that helps you build confidence step by step. The course is designed so that you first develop secure foundations in key areas such as data science, analytics, programming, machine learning and Deep Machine Learning before progressing to more advanced methods, specialist applications and independent project work. This staged approach helps you to strengthen your knowledge gradually and apply it with increasing confidence.

Learning activities are designed to combine in person and online experiences in a way that is flexible, inclusive and engaging. You can expect a mix of lectures, seminars, workshops, guided lab sessions and independent study activities. In person teaching supports discussion, collaboration and hands on problem solving, while online resources provide access to learning materials, guided tasks and opportunities to review key concepts at your own pace. Together, these approaches support different learning needs and help you to manage your studies effectively.

The course also helps you to develop the academic and digital skills needed for success at Master’s level. Throughout the modules, you'll build experience in research, analysis, critical thinking, communication, teamwork and independent learning. Digital skills are developed through regular use of industry relevant software, data analysis tools and platforms, with support embedded in teaching and assessment so that you can apply these skills confidently in a range of learning activities.

Professional and practice based learning is integrated into the course through applied projects, case studies and the Digital Citizenship for Computing module. This includes preparation for flexible placements, internships and micro-internships, helping you to connect your academic study with professional practice and real-world problem solving. Opportunities linked to the i-UG User Group & other industry partners further strengthen this industry-facing experience.

This course also promotes digital fluency and responsible practice. You are encouraged to use digital tools, data and AI critically, ethically and professionally, preparing you to work confidently and responsibly in data rich environments.

Assessment Methods/Assessments:

Assessment on MSc Artificial Intelligence is designed to support learning, build confidence and reflect the kinds of tasks graduates are likely to encounter in professional practice. There are no formal exams on the course. Instead, you are assessed through a balanced range of coursework that allows you to demonstrate your knowledge, technical ability and professional skills in applied and meaningful ways. This helps create a manageable pattern of assessment across the course while enabling you to engage deeply with your own learning.

You can expect assessment methods such as practical data analysis tasks, projects, reports, presentations, case study work, portfolios culminating with your independent MSc project. These approaches allow you to show how you can apply AI methods, interpret evidence, solve problems and communicate your findings clearly. Assessment is designed not only to test subject knowledge, but also to develop critical thinking, analytical reasoning, independent enquiry and evidence based decision making.

Opportunities to practise and improve are built into the course. Many modules include formative or developmental activities in the early stages, giving you the chance to test your understanding, receive feedback and refine your work before completing final submissions. This helps you to become familiar with expectations at Master's level and supports steady progress over time.

Assessment is also designed to be inclusive and accessible. A variety of assessment formats are used across the course so that you can demonstrate your strengths in different ways. Clear guidance, marking criteria and structured support are provided to help you to understand what is expected and how to succeed. Where appropriate, assessments allow you to choose topics, choose datasets or choose application areas that connect with your own interests, career goals and lived experiences.

Many assessments reflect real-world and professional practice by asking you to work with authentic problems, realistic datasets and applied project tasks. This ensures that assessment supports both academic achievement and career readiness.

Further Information for Student:

Our MSc Artificial Intelligence has been designed to help you to settle quickly into postgraduate study and build confidence from the start of your course. We recognize that our students join from a range of academic, professional and cultural backgrounds, so our course is structured to provide a supportive transition into Level 7 study. Each entry point module establishes a key foundation in AI, data science, analytics and professional practice, helping you to adapt to the expectations of Master's level learning while developing confidence in your technical and academic skills. Academic support is embedded throughout this course by the dedicated course team. Teaching is designed to be clear, structured and applied, with opportunities for you to develop knowledge through guided practical work, problem-solving activities, case studies and project based learning. This helps students from different educational backgrounds engage with the subject in a supportive way and build their skills progressively over time. The course also develops your academic communication, independent study, critical thinking and digital capabilities within the modules themselves, so that you can strengthen these essential skills as part of your regular learning experience. Early assessment is used to support confidence and progression. You will receive formative and developmental feedback in the early stages of modules so that you can understand expectations, identify areas for improvement and build your confidence before completing larger or more complex assessments. This staged approach helps you to refine both your technical work and your academic practice as you move through the course. The course also includes preparation for flexible placements, internships and micro-internships through the Digital Citizenship for Computing module. Here, you are supported in understanding professional expectations, engaging with work-based learning, and reflecting on these experiences so that they can connect your academic study with your individual career development and aspiration. Opportunities linked to our partners such as the i-UG User Group further strengthen this applied and professionally relevant experience. Your feedback plays an important role in shaping the course experience. We use it to review learning, teaching and support so that the course remains responsive, inclusive and relevant to your needs. As this is a conversion masters course, we recognise that may of you may not have had much prior experience with programming and/or mathematics. To support you to develop these skills we provide a self paced online course in basic mathematics and programming which can be accessed as soon as you are enrolled. This support ensures that you are ready to apply these skills when the time comes.

Currency:

MSc Artificial Intelligence is designed to remain current in a fast changing field by combining strong academic foundations with content that is regularly reviewed and updated to reflect developments in research, technology and professional practice. The course covers core principles that remain valuable over time, while also engaging with contemporary topics such as machine learning, artificial intelligence, analytics, Deep Machine Learning and the ethical use of data. This helps ensure that students develop knowledge and skills that are both academically rigorous and professionally relevant.

The course is further strengthened by the fact that the University's computing courses are accredited by the BCS, the Chartered Institute for IT. This provides an important external benchmark for academic quality, professional relevance and curriculum standards. In addition, the course is informed by an Industry Advisory Group, which supports the University in keeping its computing provision aligned with current employer needs, emerging technologies and developments in the wider digital economy. Together, these mechanisms help ensure that the course continues to reflect the expectations of industry and the profession.

You are regularly encouraged to engage with research throughout the course. You will encounter current ideas, debates and developments in AI, including research informed teaching and, where appropriate, examples linked to staff expertise at the University. As you progress, you'll develop your own inquiry, analysis and critical thinking skills through applied tasks, research activities and independent project work.

The course also prepares you to think creatively and critically about real-world challenges, including those linked to sustainability, innovation, enterprise and social responsibility. The University's Graduate Attributes are embedded throughout the curriculum, helping students develop as knowledgeable learners, digitally fluent graduates, reflective professionals and responsible global citizens. By combining academic study, professional relevance and interdisciplinary thinking, the course supports you to become an adaptable, future ready graduate who is well prepared for continued learning and a wide range of data focused careers.

Personalisation Opportunities:

Our MSc Artificial Intelligence offers you meaningful opportunities to shape your learning around your own interests, career ambitions and prior experiences. While the course provides a strong foundation in core areas such as AI, data science, analytics, machine learning and visualisation, you are also encouraged to explore topics and applications that matter to you personally and professionally. This allows your learning to feel relevant, motivating and closely connected to your future goals.

Across the course, you will engage with projects, case studies and assessments that allow flexibility in the choice of topic, dataset, application area or problem context. This means that you can focus your work on areas that reflect your interests, such as business analytics, artificial intelligence, health, finance, public services or other sectors where AI & data science can make an impact. The independent project provides a particularly important opportunity for you to investigate a specialist area in depth and develop expertise aligned to your ambitions.

This course also supports you in making informed choices about the direction of your learning. Academic guidance from module tutors helps you to connect your developing interests with assessment choices, project ideas and professional goals. Through modules such as Digital Citizenship for Computing, you are encouraged to reflect on your strengths, aspirations and emerging professional identity, helping you to shape a pathway that supports both your academic success and career development.

Learning is designed to be inclusive and relevant to our diverse student body. Teaching materials, case studies and discussions are intended to reflect a range of perspectives, contexts and real-world challenges, helping all students to see the value of AI & data science across different communities and industries. You are encouraged to draw on your own experiences and viewpoints as part of your learning, which helps make the course more meaningful and engaging.

Throughout the course, you are supported to reflect on your progress, respond to feedback and make choices that help you grow into a confident, skilled and self aware AI professional.

Employability in the Curriculum/Employability and Professional Development:

MSc AI is designed to help you prepare for a wide range of career pathways in data science, analytics, artificial intelligence and related digital professions. Employability and professional development are embedded throughout the course so that you can connect your academic learning with future career ambitions from the start of your studies. Through applied learning, industry relevant projects and professional practice, you are supported to understand how your knowledge and skills can be used in real organisational contexts.

A key feature of the course is the integration of professional development through the Digital Citizenship for Computing module, which includes flexible placements, internships and preparation for work-based learning via a sandbox where you'll work on an industry provided project. This helps you to explore career pathways, develop confidence in professional settings and gain experience that is relevant to graduate employment. The University's partnership with the i-UG User Group further strengthens this by creating opportunities for you to engage with member companies through flexible placements and micro-internships, helping you to build practical experience, industry awareness and professional networks.

The course also helps you to develop a strong professional identity by building both technical and transferable skills. Across modules, you'll strengthen your abilities in communication, teamwork, problem solving, critical thinking and professional use of digital tools. Assessments and learning activities often reflect real-world practice, including project work, applied analysis and professional presentation of findings, helping you to develop a portfolio of experiences and outputs that can support future job applications.

Professional standards and employer expectations are embedded in the course through its practical focus, industry informed curriculum and alignment with wider professional benchmarks, including BCS accredited computing provision and embedded SAS training that supports SAS Tier 3 specialisation. You are also encouraged to reflect on your strengths, respond to feedback and consider how your learning choices, projects and specialist interests connect to your longer term goals. In this way, the course supports you not only to gain a qualification, but to grow as a confident, capable and career ready professionals.