

## Programme Specification

Programme Summary Information			
1	<b>Programme Title</b>		MSc Agile Project Management with AI
2	<b>University of Sunderland Course Code</b>		<b>UCAS Code</b>
3	<b>Awarding Institution</b>		University of Sunderland
4	<b>Teaching Institution(s)</b> (if different from point 3)		University of Sunderland in London
5	<b>Professional Statutory or Regulatory Body (PSRB)</b> (if applicable)		N/A
6	<b>For Apprenticeships:</b>		
	<b>Name of Apprenticeship Standard</b>		N/A
	<b>Apprenticeship Standard Number</b>		N/A
	<b>IfATE LARS Number</b>		N/A

7	<b>Programme Description</b>
	<p><b>Overview</b></p> <p>The MSc Agile Project Management with AI is an innovative programme designed to equip students with the knowledge, skills and professional capabilities required to lead complex projects in a rapidly evolving global landscape. The programme integrates advanced project management methodologies with contemporary themes such as digital transformation, agile working, sustainability and social impact.</p> <p>Throughout the programme, students will engage with core areas of project leadership, governance, planning, control, risk, crisis and resilience management. A distinctive feature of this MSc programme is its emphasis on agile and AI-driven project management, reflecting the growing importance of digital technologies in project environments. The programme also focuses on ethical and sustainable project delivery, empowering students to lead projects that align with environmental, social and governance (ESG) principles and contribute to the achievement of the UN Sustainable Development Goals (SDGs).</p> <p>Students will develop practical project management competencies through applied learning, including case studies, simulations, consultancy-style assessments and a capstone project designed to replicate professional project delivery. The programme's interdisciplinary approach ensures graduates are equipped to manage projects across various industries, including construction, technology, finance, healthcare and international development. Through a combination of academic rigour, applied practice and industry engagement, this programme prepares students for leadership roles in project-based organisations while nurturing a critical, reflective, and responsible mindset essential for navigating modern project challenges.</p>

**What's covered in the course?**

The MSc Agile Project Management with AI provides a comprehensive and integrated exploration of contemporary project management practice, combining established principles with emerging digital and artificial intelligence enabled approaches. The programme is designed to develop students' strategic, technical and professional capabilities so that they can lead complex projects across a wide range of organisational and sectoral contexts.

At the core of the programme is a strong emphasis on project leadership and governance. Students examine how projects are positioned as strategic instruments for organisational value creation and how leadership approaches influence project culture, performance and outcomes. The programme explores contemporary leadership theories and their relevance to project environments, alongside governance frameworks that define accountability, decision-making authority and assurance. Students develop an understanding of how ethical standards, corporate governance principles and ESG considerations shape project leadership practice, and how leaders navigate political, cultural and stakeholder complexities within global and virtual project settings.

The programme also develops advanced competence in project planning and control. Students study how project scope is defined and structured, how schedules and budgets are constructed and how resources are allocated and optimised. These foundational techniques are extended through the application of artificial intelligence and data analytics, enabling students to explore predictive forecasting, optimisation algorithms and performance dashboards. Through this, students learn how digital and AI-enabled tools can enhance accuracy, support decision-making and improve project predictability, while also critically examining the limitations, risks and ethical implications associated with increased automation.

A central feature of the programme is its focus on agile, digital and hybrid approaches to project delivery. Students engage with agile philosophy and frameworks and examine how adaptive ways of working contrast with and complement traditional lifecycle models. The programme addresses the practical realities of implementing agile at scale, managing hybrid environments and integrating digital collaboration platforms into everyday project work. Students also explore the growing role of AI in supporting backlog management, estimation and prioritisation and critically evaluate organisational readiness for digital and agile transformation.

Managing uncertainty is another major theme running throughout the programme. Students develop advanced knowledge of risk management principles and learn how to identify, analyse and prioritise risks in complex project contexts. This is combined with the use of quantitative techniques and AI-enabled predictive analytics to support risk modelling and scenario analysis. Beyond prevention, the programme examines how organisations prepare for, respond to and recover from crises and how resilience can be deliberately designed into project structures, processes and cultures. Ethical decision-making, stakeholder communication and leadership under pressure are emphasised as integral components of effective crisis and resilience management.

Innovation and sustainability form a further pillar of the programme. Students explore how projects can be designed and delivered in ways that contribute to sustainable development, environmental protection and social value creation. The programme introduces key sustainability frameworks and examines their application within project contexts, including life cycle thinking, sustainable procurement and impact measurement. Alongside this, students study innovation management and design-oriented approaches to problem-solving, developing the capability to generate and justify novel project-based solutions to organisational and societal challenges. Sustainability and innovation are treated not as optional add-ons but as fundamental dimensions of responsible project practice.

	<p>The programme culminates in a substantial capstone project that enables students to integrate and apply their learning to a real or realistically framed professional problem. Through this project, students demonstrate their ability to define and scope complex project challenges, apply appropriate methodologies, use advanced tools and technologies and develop practical, evidence-based recommendations. The capstone also requires students to reflect critically on their learning journey and professional development, reinforcing autonomy, ethical awareness and reflective practice.</p> <p>Across all modules, the programme adopts an applied and experiential learning approach. Students engage with case studies, simulations, digital platforms and consultancy-style tasks that mirror professional practice. Communication, teamwork, leadership and stakeholder engagement skills are developed alongside analytical and technical capabilities. By the end of the programme, graduates will possess a holistic understanding of how projects are conceived, governed, planned, delivered and evaluated in modern organisations and will be equipped to lead projects that are agile, digitally enabled, ethically grounded and socially responsible.</p> <p><b>Where will I study?</b> Students who enrolled on the MSc Agile Project Management with AI programme will be studying at the University of Sunderland in London. Teaching will be face-to-face.</p> <p><b>Does the programme have an associated IFY? No</b></p>
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<b>8</b>	<b>Programme Awards</b>		
<b>8a</b>	<b>Name of Final Award</b>	<b>Level</b>	<b>Credits Awarded</b>
	Master of Science in Agile Project Management with AI	7	180
<b>8b</b>	<b>Exit Awards and Credit Awarded</b>		
	Postgraduate Certificate in Agile Project Management with AI	7	60
	Postgraduate Diploma in Agile Project Management with AI	7	120

<b>9</b>	<b>Programme Specific Regulations</b>
	No

<b>10a</b>		
<b>Mode(s) of Study</b>	<b>Location/Campus</b>	<b>Duration of Study</b>
Full time	Sunderland/London	1 year
Part time	Sunderland/London	2 years

<b>10b</b>	
Is this programme delivered at a <a href="#">Transnational (TNE) partner</a> ?	No
Is this programme delivered at <a href="#">UK Partner Institutions</a> ?	No

<b>11</b>	<b>Entry Requirements</b>
	<p>The admission requirements for this programme as stated on the course page of the University of Sunderland website at <a href="https://www.sunderland.ac.uk/">https://www.sunderland.ac.uk/</a>, or found by searching for the course entry profile located on the <a href="#">UCAS website</a> are correct. YES</p> <p>This programme is suitable for students to enter with advanced standing (e.g. APL) YES</p> <p>Where applicable use the space below to detail any specific arrangements – e.g. APL only permitted to a specific level <a href="#">Accreditation of Prior Learning (APL)</a></p>

<b>12</b>	<b>Programme Learning Outcomes</b>
	By the end of <b>Certificate Stage</b> of the programme successful students will be able to do the following:
<b>1</b>	Demonstrate a comprehensive understanding of governance, leadership, risk management, innovation and sustainability within a global project management context.
<b>2</b>	Design and implement project plans, control mechanisms and performance management strategies using both traditional and contemporary project management tools.
<b>3</b>	Design and apply AI-driven approaches for project scheduling, risk modelling, and resource allocation using contemporary software and tools.
	By the end of <b>Diploma Stage</b> of the programme successful students will be able to do the following:
<b>4</b>	Critically analyse and apply advanced project management principles, theories and practices across diverse and complex environments.
<b>5</b>	Synthesise complex information to solve project-related problems using advanced project management tools, techniques, AI and data-driven insights.
<b>6</b>	Critically evaluate the impact of digitalisation, agile methodologies and emerging technologies including AI on modern project delivery.
	By the end of <b>Masters Stage</b> of the programme successful students will be able to do the following:
<b>7</b>	Manage project risk, crisis and resilience strategies while considering ethical, legal, and social responsibilities.
<b>8</b>	Design innovative resilience strategies integrating AI tools and human-centred approaches to address complex project risks.
<b>9</b>	Apply professional communication, leadership and stakeholder management techniques to influence project success in multicultural and virtual environments.
<b>10</b>	Demonstrate autonomy and reflective practice in the design and delivery of sustainable and socially responsible projects.

### 13. Programme Requirements

*There are optional modules on this programme No*

**Level 7:**

*In order to complete this programme, a student must successfully complete all the following CORE modules (totalling 180 credits):*

Module Code	Module Name	Credit Value	PLO(s) assessed
PMGT700	Strategic Project Leadership and Governance	30	PLO1, PLO2, PLO3
PMGT701	Project Planning and Control with AI	30	PLO1, PLO2, PLO3
PMGT702	Agile, Digital and AI-Driven Project Management	30	PLO3, PLO4, PLO5, PLO6
PMGT703	Risk, Crisis and Resilience Management with AI	30	PLO4, PLO5, PLO6, PLO7
PMGT704	Innovation and Sustainability in Project Management	30	PLO7, PLO8, PLO9, PLO10
PMGT705	Capstone Project in Professional Project Practice	30	PLO7, PLO8, PLO9, PLO10

### 14. Employability

The programme contributes to the development of the following graduate attributes. Please refer to [Integrated Curriculum Design Framework](#) when completing this section.

<p><b>Professional</b></p>	<p>The programme contributes to the development of professional graduates by immersing students in the standards, expectations and practices of contemporary project management. Throughout the programme, students engage critically with professional bodies of knowledge, governance frameworks and ethical codes associated with organisations such as PMI and APM, which establishes a strong foundation for responsible and accountable practice. Assessments are structured to replicate professional outputs, including consultancy-style reports, project plans, governance analyses, risk strategies and client-focused presentations. Through these activities, students develop advanced communication skills, the ability to present complex information clearly and the discipline to produce work to a professional standard. The capstone project further strengthens professionalism by requiring students to work autonomously on a substantial applied project, manage their time and resources effectively and demonstrate integrity, reflexivity and accountability. In addition, the emphasis on reflective practice across several modules encourages students to evaluate their own performance, recognise areas for development and take ownership of their continuing professional growth.</p>
<p><b>Adaptable</b></p>	<p>Adaptability is a core outcome of a programme that is centred on agile, digital and AI-enabled project environments. Students are continually exposed to evolving tools, technologies and methodologies, which requires them to engage with uncertainty, learn new systems and adjust their approaches to problem-solving. The curriculum emphasises both traditional and agile project management models, enabling students to understand multiple ways of working and to select or combine approaches according to context. Scenario-based learning, simulations and case studies expose students to dynamic and unpredictable project situations, including crises, technological change and shifting stakeholder demands. Through this, students develop cognitive flexibility, resilience and the ability to respond constructively to change. The integration of AI tools and data-driven decision-making further enhances adaptability by encouraging students to engage with emerging technologies and critically evaluate their implications, ensuring they are prepared for continuous technological evolution in their professional careers.</p>
<p><b>Engaged</b></p>	<p>The programme fosters engaged graduates by encouraging students to connect their learning to real-world challenges and to consider the broader impact of projects on society, the economy and the environment. Sustainability, social responsibility and ESG principles are embedded across modules, enabling students to understand how projects can contribute to positive social change and sustainable development. Students are required to analyse organisational practices, evaluate social and environmental impacts and propose improvements that create value beyond short-term financial performance. Engagement is also promoted through collaborative learning, group projects and peer interaction, which help students develop interpersonal</p>

	skills and an appreciation of diverse perspectives. The capstone project provides a further opportunity for engagement by allowing students to investigate issues that align with their professional interests or community concerns. Collectively, these experiences encourage students to see themselves not only as technical project managers, but as active contributors to organisations and societies who are capable of making informed, ethical and responsible decisions.
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### 15. Additional Costs: Are there any additional costs on top of the fees?

List any additional costs the students will have to meet and whether this is optional (e.g. an optional field trip) or essential (e.g. buying a lab coat). Give an estimation of the approximate cost which may be a range. This information should be replicated in the Module Guide and will be published on the course page.

No, but all students buy some study materials such as books and provide their own basic study materials	✓
Yes (optional). All students buy some study materials such as books and provide their own basic study materials. In addition, there are some additional costs for optional activities associated with the programme (see above)	
Yes (essential). All students buy some study materials such as books and provide their own basic study materials. In addition, there are some essential additional costs associated with the programme (see above)	

### 16. Version Control

**Programme Specifications are checked annually and updated when changes are made to the programme.**

Version Number		Date	Details of change	Author
V1	Document created	31/01/2026	New programme	Dr Yahaya Alhassan
V2	Document changed			

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Version number:	5	Template owner:	Quality Team
Date reviewed:	Jun-24	Date of next review:	Jun-29