



Masters in INDUSTRIAL PROJECT MANAGEMENT

www.birmingham.ac.uk/ipm

Whether developing new products, expanding manufacturing capacity, implementing major change, or responding to a competitive threat, projects lie at the heart of business strategy in many industries.

Developed in collaboration with industry, this programme is designed for students with experience of projects who wish to study project management at postgraduate level whilst still working.

It is studied part-time and delivered by distance-learning over 3-years.

COURSE FACULTY AND INDUSTRIAL PARTNERS

The programme has been developed in collaboration between the University and industry experts. In addition to the University faculty, the programme includes contributions from over 20 experienced project practitioners from our industrial partners and we regularly add new presenters and contemporary content from around the world.

The academic staff who support the programme gained several decades of practical project management experience before they joined academia.

WHY BIRMINGHAM?

Birmingham has been challenging and developing great minds for more than a century. With over 35,000 students and 7,000 staff, today we are one of the world's top 100 universities.

Characterised by a tradition of innovation, research at the University has broken new ground, pushed forward the boundaries of knowledge and made an impact on people's lives – a tradition that this programme proudly continues.

CUTTING-EDGE PROGRAMME

Some of the key features of this programme include:

- Addresses the particular needs and challenges of industrial projects
- Covers the complete project life-cycle from the client's perspective – not only the implementation/construction stage
- Facilitated by a faculty that combines academic rigour with decades of experience of managing these kinds of projects
- Goes well beyond the coverage of project management Bodies of Knowledge
- Equips students to take an independent critical perspective on how projects are implemented, and to develop the ability to assess and critique perceived 'good practice'
- Designed for working project managers – allowing them to implement their learning and create business benefit during the programme
- Breakthrough techniques and approaches from outside of current thinking which offer new levels of project performance

INDUSTRIAL PROJECT MANAGEMENT MSc

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Businesses need not only predictable outcomes from projects, but also high levels of overall performance, innovation and creativity. But how do you achieve this? Project management is a complex endeavour.

Despite well-defined bodies of knowledge, the performance of projects is highly variable, suggesting there is more to project management than completing templates and delegating work. This course uniquely prepares you for this world.

FACT FILE

Start date: January or September

Duration: Three years part-time

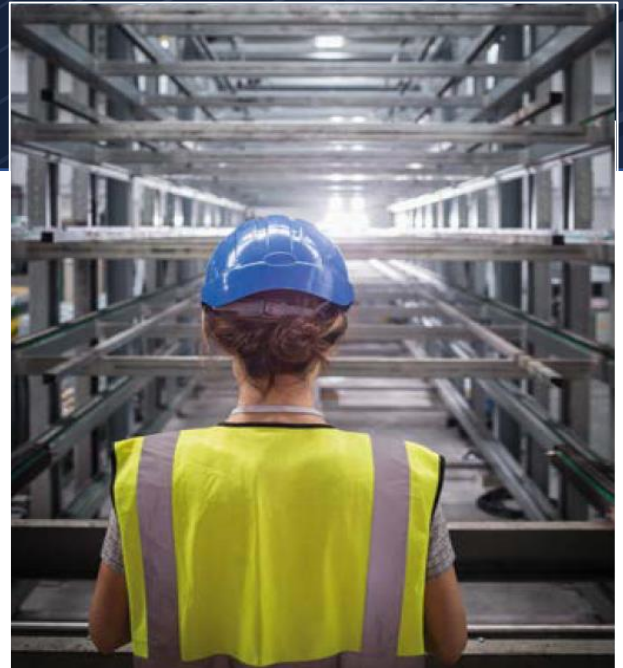
Study mode: Distance learning

Fees:

See the course web page for current pricing

Entry Requirements:

Experience in project management. A degree is useful but not vital. Ability to communicate well in English.



COURSE STRUCTURE

Founded upon the core disciplines of project management, this course will not only give you a thorough grounding in common practice, you will also develop the insight and skills needed to challenge these practices and critically evaluate new ideas. You will be stretched and challenged to master the art of strategic project delivery.

The Masters is a three-year, part-time course, combining supported online learning with annual in-person hub workshops. It has been designed for those with some project experience to develop and enhance their project management capabilities. The course was created, and is delivered, through a partnership between the University and industry.

- In Year 1, we cover the project management fundamentals, covering the topics you find in the professional bodies of knowledge, from a business-driven and critical perspective
- Year 2 addresses more complex and ambiguous situations as well as research, learning and techniques, sometimes from inside and outside of project management, which can deliver step changes in project performance
- In your final year, you demonstrate your 'mastery' through a research project and developing your own professional perspective

STUDENT PROFILE



I highly recommend the MSc in Industrial Project Management ... it is very practical and you can use it in your daily work. In terms of the modules, I really liked the one on Culture Ethics and Soft Skills. These topics are difficult to learn, but the course covered them really well. Overall it was a fantastic experience.

ILARIA LO-PRESTI
Project Engineer, GSK

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STUDENT PROFILE



My experience with the MSc Industrial Project Management has been overwhelmingly positive. The understanding and application of fundamental principles, alongside my current practice has enabled me to become more masterful in my approach to leading complex projects. Ultimately the advanced knowledge and credibility that my degree has provided has enabled me to advance my career in a direction that might not have otherwise been possible.

RAB SMYLIE

Director of Project Management, Merck & Co

COURSE DELIVERY & ASSESSMENT

Online, self-paced materials are supplemented by written assignments and interactive live online sessions. A range of on-line tools are used to facilitate peer-peer engagement, as well as live 1-1 discussion with our experienced faculty.

In Years 1 and 2, we hold two-day 'Hub' workshops, which allow for more interaction and experiential discussion and learning. The hubs are hybrid in-person/virtual. They take place in person on our Birmingham campus, with the option to join remotely. The hub is optional, with students who don't participate submitting an additional written assignment.

Students who complete Year 1 qualify for a Postgraduate Certificate qualification (PGCert), and those who complete both Years 1 and 2 qualify for a Postgraduate Diploma (PGDip). For the full MSc qualification, all six modules and the research project have to be completed.



COURSE CONTENT & Modules

Year 1

- 1. Introduction to Project Management:** The end-end project process, the key roles and activities.
- 2. Purpose and planning:** In-depth understanding of the early project stages and key control concepts used during project execution.
 - *Optional Year 1 HUB: Two-day workshop exploring key concepts in more depth and to consolidate online learning*
- 3. Leadership and collaboration:** Focusing on leadership and managing across organisations and contracts.

Year 2

- 4. Projects, Systems and Control:** How systems theory relates to projects and its impact on how they are managed and controlled.
- 5. Managing execution for flow:** Methods that help improve the overall project work-flow, efficiency and effectiveness.
 - *Optional Year 2 HUB: Two-day workshop exploring key concepts in more depth, to consolidate online learning, and prepare for Year 3 project.*
- 6. Managing and improving projects in organisations:** From portfolio and pipeline management, to developing and leading project capability across an organisation, and career development.

Year 3

- **Major Research Project and Dissertation**

Masters in INDUSTRIAL PROJECT MANAGEMENT

The University of Birmingham **Masters in Industrial Project Management** was originally developed in collaboration with GlaxoSmithKline, and is accredited by the UK's Chartered Association for Project Management (APM).



STUDENT PROFILE



I was fortunate to participate in the very first Industrial Project Management MSc cohort, graduating in 2015. I found that the course not only reinforced the project management knowledge and skills I'd gained in the work environment but, perhaps more importantly, it gave me a different perspective by making me think how to get the best out of not only myself, but the project team delivering the project.

NEIL HENDERSON
Project Director, GSK

FURTHER INFORMATION

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