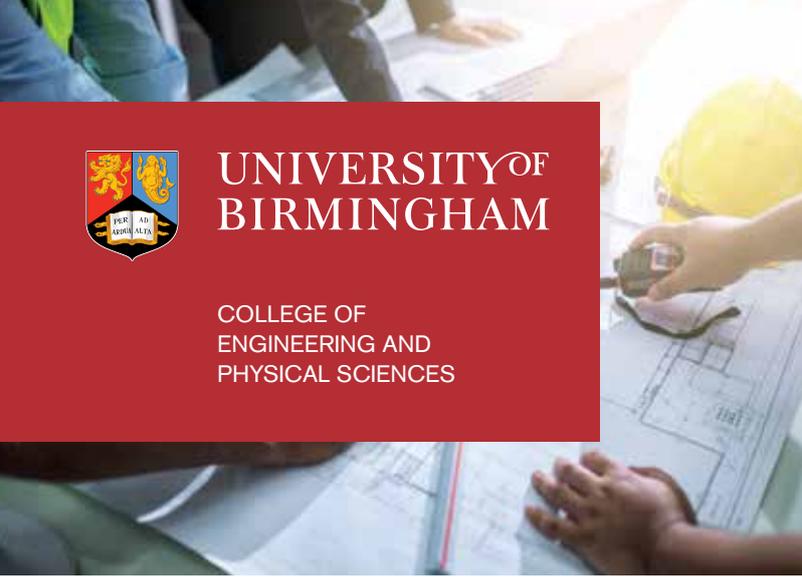




UNIVERSITY OF
BIRMINGHAM

COLLEGE OF
ENGINEERING AND
PHYSICAL SCIENCES



MASTERS IN INDUSTRIAL PROJECT MANAGEMENT

Three years, part-time, online learning

*Developed and delivered in
partnership with industry.*

MASTERS IN INDUSTRIAL PROJECT MANAGEMENT

THE STRATEGIC IMPACT OF INDUSTRIAL PROJECTS

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

Businesses need not only predictable outcomes, 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, overall 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. Founded upon the core disciplines of project management, it 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.

COURSE FACULTY AND INDUSTRIAL PARTNERS

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



**Professor
John Dyson**
Course Director

John has over 25 years' industrial experience and has held the positions of Head of Global Capital Projects and Head of Capital Strategy for GlaxoSmithKline.



**Ian
Heptinstall**
Admissions
Tutor and Lecturer

Before joining the University, Ian spent over 35 years working as a project manager, management consultant and procurement director, across a range of sectors.



**Dr Claudia
Favero**
Teaching Fellow

Claudia is an expert in instructional design and online learning. She supports students and manages the quality of our learning materials.

Learn more

Further information on our faculty and a full list of associate/visiting lecturers can be found at www.birmingham.ac.uk/ipm

PROGRAMME 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, and the specific requirements of industrial projects that deliver new and upgraded assets. You are encouraged to test and challenge conventions and develop the skills to analyse problems, test ideas and develop solutions.
- In your **final year**, you demonstrate your 'mastery' through a research project and developing your own professional perspective.

Online, self-paced materials are supplemented by written assignments and interactive live online sessions. In Years 1 and 2, we hold two-day 'Hub' workshops, which allow for more interaction and experiential discussion and learning. The hubs take place on our Birmingham campus, with an alternative location usually in Asia or the Middle East. Recent non-UK locations have included Shanghai, Dubai and Singapore.

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.



'I was fortunate to participate in the very first MSc Industrial Project Management cohort, graduating in 2015. I found that the course not only reinforced the project management knowledge and skills I had 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

PROGRAMME STRUCTURE

YEAR
1

Module 1:

Introduction to IPM.

The end-end project process, the key roles and activities.

Module 2:

Planning and control.

In-depth understanding of the early project stages and key control concepts used during project execution.

Year 1 HUB:

Two-day workshop exploring key concepts in more depth and to consolidate online learning.

Module 3:

Project skills and delivery.

Focusing on leadership and managing across organisations and contracts.

YEAR
2

Module 4:

Advanced Planning.

Exploring the project's business case and the front-end planning processes in more detail.

Module 5:

Advanced Control.

Applying project control principles to larger and more complex projects, and to portfolios.

Year 2 HUB:

Two-day workshop exploring key Year 2 concepts in more depth and to consolidate online learning. Preparation for Year 3 project.

Module 6:

Advanced Implementation.

Specific techniques used on industrial projects. Analysis and critique of emerging and niche methods.

YEAR
3

Major Research Project and Dissertation:

Planning

Planning Research and Analysis

Write-up

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 leading 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.

TESTIMONIALS:

Some of the key features of this programme include:

- Addresses the particular needs and challenges of industrial projects – manufacturers with the need to develop their assets
- Covers the complete project from the client's perspective – not only the implementation/construction stage
- Goes 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
- Facilitated by a faculty that combines academic rigour with decades of experience of managing these kinds of projects



'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 have enabled me to advance my career in a direction that might not have otherwise been possible.'

RAB SMYLIE, Director & Project Management Head, WindMIL Therapeutics

'I highly recommend the MSc 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



LEARN MORE

For further information and application details please contact:

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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).