

Postgraduate Diploma in Project Engineering



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Oxford Academics is pleased to present a unique opportunity to study for the Postgraduate Diploma (PG Dip.) in Project Engineering from the University of Chester: Oxford Academics provides postgraduate education in project engineering and the University of Chester awards Postgraduate Diploma in project engineering.

The distinction between Project Engineering and Project Management is deliberate and meaningful. For each project, Project Engineering consists of designing, optimising and organising adequate Project Management and Project Governance.

The programme is relatively unique in two ways:

1. it adopts an engineering as opposed to a management approach to achieving success in complex projects, and
2. it assembles academic and professional bodies of knowledge to treat the scope and depth of issues encountered in today's complex, fast-moving and cost-critical project environments. Graduates of this programme are well equipped to deal with real projects in real settings, at a significantly advanced level of project expertise.

Aims

The PG Dip. PE in itself is aimed at engineering project management at both tactical and strategic levels. But is also an intermediate step toward Master of Science in Project Engineering (MSc. PE).

The overall aim of the Project Engineering curriculum is to enable students to define, optimise and operate project management in an effective and efficient way:

Project engineering skills developed in this programme include:

- development of analytical, pragmatic logics in diagnosing project situations.
- application of appropriate methods, tools and techniques.
- Project engineering skills developed in this programme include:
- Project compliance (the art and science to make the right project),
- Project conformance (the art and science to make the project right),
- Project time and cost (the art and science to produce adequate scorecards),
- Project integration (the art and science to assure consistency of project with its environments).



The programme has been developed over more than 20 years in both professional and academic settings.

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For whom

Professionals with a project management background who face a gap in project complexity: i.e. from expert projects to team projects, from team projects to multiple management levels, or a sudden increase in the number of management levels:

- Managers whose expertise and core skill is a key success factor. In projects performed by a team of experts, the human skills of a project facilitator then become a key success factor.
- Managers of projects where there are multiple management levels. These require dedicated project management methods, techniques and tools. Project engineering is at the centre of these situations.
- Post Graduate students with technical, scientific or technology degree who wish to supplement their professional offer with management skills, internationally valued



By whom

Balance between professional exigency and academic insight constitutes a cornerstone of the programme. Participants not only study academic theory and research, but also encounter the current “best practice” and experience of world-class companies and organisations, together with the profession’s most respected professional bodies.

Professional experience is shared to the development of analytical, pragmatic logics in diagnosing project situations and applying appropriate methods, tools and techniques.

Further information:

Websites:

www.oxford-academics.uk.net

www.pgdiip-pe.oxford-academics.uk.net

www.chester.ac.uk/pg/preject-engineering

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Programme Breakdown Structure

PG Dip. PE programme is split into six different modules (where the first three ones build the Postgraduate Certificate in Project Engineering – PG Cert. PE):

- Definition Scope Engineering (PM7101).
- Project Plan Engineering (PM7102).
- Time and Cost Engineering (PM7103).
- System Acquisition Engineering (PM7201).
- Project Portfolio Engineering (PM7202).
- Research Methods for Project Engineering (PM7203).

Entry requirements:

Applicants must possess an honours degree of 2.2 or equivalent. In exceptional cases substantial experience in the field of Project Engineering, or a closely related discipline (e.g. Project Management, Risk Management, Lean Methodology). Applicants for whom English is not a native language must also demonstrate proficiency in the English language. Such applicants must have minimum score of 6.5 on IELTS.

For application details, ask for “PG Dip. PE - info pack” at:
pgdiip-pe.uoc@oxford-academics.uk.net

www.pgdiip-pe.oxford-academics.uk.net
www.chester.ac.uk/pg/project-engineering