

Graduate School of Technology Management

GSTM

Masters in Project Management

MPM 2012



UNIVERSITEIT VAN PRETORIA
UNIVERSITY OF PRETORIA
YUNIBESITHI YA PRETORIA
Graduate School of Technology Management

www.up.ac.za/gstm

Masters in Project Management

Doing MPM has helped me approach projects with confidence. I have learned the importance of considering stakeholders and human resources. I have gained the knowledge of viewing projects from a system perspective which considers the full life cycle of a project.

Phila Sithole, 2009

Project Management

Internationally Project Management has become the fastest growing form of management. Projects and the effective management thereof form the basis of any growing economy. Developing countries need the effective management of industrial and infrastructure projects to even a greater degree than developed economies do.

Project Management is widely hailed as the “lynchpin of organisational success” and the “number one career choice”. One of the reasons is that the tools, techniques and paradigms unique to Project Management, provide the capacity to deal effectively with rapid, radical change resulting from fierce international competition and advancements in technology. Project managers are generalists that are exposed to all aspects of the organisation. This exposure also prepares them for positions as general managers.



PM has its roots in engineering and almost all engineers are involved in projects in one way or the other. Some engineers however choose to make PM the central focus of their careers. These engineers typically manage large projects or in some cases portfolios of projects.

Purpose of the MPM

The purpose of the Masters in Project Management (MPM) is to provide relevant, highlevel project management education for the practicing engineer and scientist pursuing a career in project management in primarily technology-based enterprises. While the programme teaches the fundamentals of project management in its simplest form, of more importance is learning to integrate projects with a company’s strategic intent. Another strong focus of MPM is on the people, financial and cost management side of projects. Many companies are focusing on core business and outsourcing other processes. The programme also covers the key elements of procurement, legal aspects of project management, specifically labour law and contract law are addressed.

International Accreditation

The MPM Programme, offered by the Graduate School of Technology Management (GSTM) was awarded full accreditation in 2008 by the Global Accreditation Board (GAC) of the Project Management Institute, USA.



Domain Specialisation

Domain specialisation allows an exciting and meaningful expansion of the programme. The domain model provides the opportunity for a number of derivatives based on a single platform with a similar architecture, while responding to the specific needs of various industries. Students complete their first study year and then follow the general programme option or select a domain for their second year. Summary of the two available domains:

- **Construction Management Domain**

This domain is aimed at the Construction Industry including three specialised Construction Management courses. An overview of the construction business is provided with specific focus on the project management aspects thereof. International best practise, entrepreneurship and unique South African challenges are addressed.

- **Engineering Services Management Domain**

The international economy is fundamentally changing from product based (manufacturing) to a more service oriented economy. South Africa has a dual economy, i.e. product (manufacturing) and services based. This domain addresses the fundamentals of services science in the engineering type of environment. The design and delivery of services are explored. Relevant management approaches, e.g. complex adaptive systems (CAS) are studied. Web based service delivery, required technology support and a human systems perspective are addressed.

Learning model

The programme is offered on a part-time, modular basis over two years. The time available for class attendance is limited. Student/lecturer contact is crucial. In view of the above, candidates are expected to free themselves completely from other duties during block weeks. Candidates will be expected to work in the evenings and over weekends during study blocks, and attendance is compulsory.

The programmes are structured around two class contact modules per year: The first two-week contact module is scheduled typically during February, and the second one during August. Web-based support is provided to create a virtual classroom and an e-learning experience. For this reason all students are required to have access to the Internet via a suitable browser. Students must be able to take part in discussions using the



Internet. Lecturers facilitate distance learning (group and individual activities) throughout each academic cycle. It is expected of participants to attend the contact sessions fully prepared. Pre-assignments are required for most courses.

Assignments are done during and after the class contact sessions. Group interaction is emphasised as an integral part of learning and personal development. A balance between theory and practice, individual and group activity, class contact and distance support is strived at. A personal development programme is integrated into the academic activities of the MPM. The medium of instruction is English.

Assessment

Assessment takes the form of individual and group assignments, oral presentations and written examinations. Students are allowed, and indeed encouraged to use challenging areas in their work environment as subject material for assignments. A final year symposium where students present their research concludes the MPM.

Qualifications Awarded

Two types of qualifications are awarded MEng (Project Management) and MSc (Project Management), depending on the undergraduate qualification of the student. Course structure, content and duration are nominally the same in both cases.

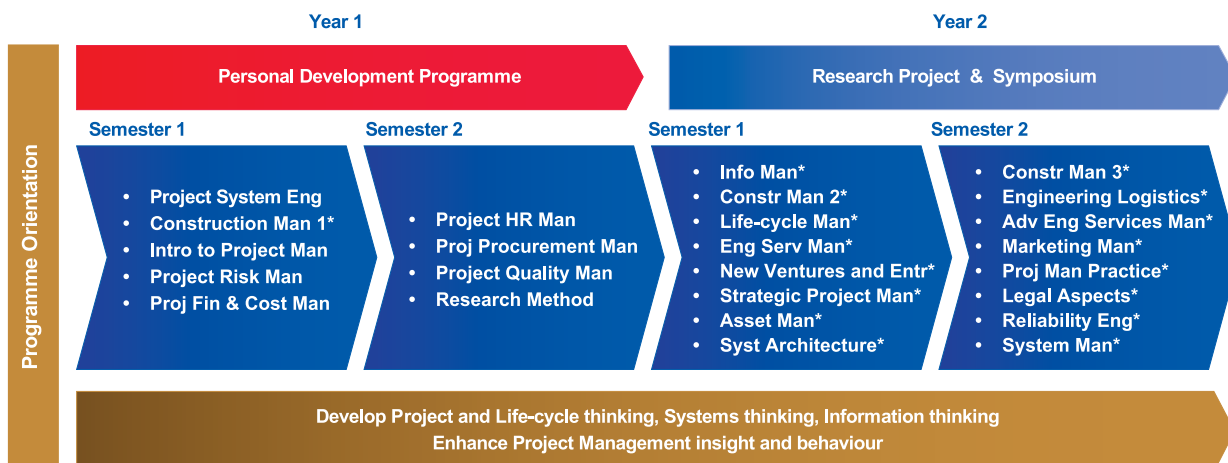
Admission and Selection

Admission is competitive and a selection committee carefully screens applicants. Selection procedures may include a personal interview.

Admission criteria

Candidates for the MEng degree must be in possession of a four-year Bachelors degree in Engineering from a recognised institution and have at least 3 years' relevant postgraduate experience. Candidates for the MSc degree must be in possession of a BSc Honours degree (four study years) in a suitable scientific field and also have at least 3 years' relevant postgraduate experience. Compliance with the criteria does not guarantee admission.

Outcome and Architecture



*Electives. More information at www.up.ac.za/gstm/mpm



The MPM is the only internationally accredited Masters Programme in Project Management in Africa.

Application and Closing date

1. Application at UP

Any person who wishes to register at the University for the first time, or after an interruption of studies: Please complete the on-line University's Application form at www.up.ac.za and click on "Apply for admission".

OR

To receive a hard copy application form, please contact the Client Service Centre at csc@up.ac.za or 012 420 3111. A hard copy application form will then be posted to you.

2. Application for selection to MPM

Please complete the application form at www.up.ac.za/gstm/mpm Follow the links at the bottom of the web page.

This application for admission to the programme as well as a copy of the form to register at UP, should go to the programme administrator, Hellen Kriek, Engineering Building 2, Room 4-7, University of Pretoria, Lynnwood Road, Pretoria, 0001

The closing date for applications for 2012 is 28 October 2011.

Programme fees

The total fee will be approximately R 83 000. This includes tuition, textbooks, study material and meals on campus. A non-refundable application fee of R 500 is payable. These fees are applicable for 2012 and apply to students completing the programme within the prescribed two-year period. The fees are typically payable as follows: 60% in the first year, and 40% in the second year. Where necessary, arrangements can be made to pay each year's portion in two equal instalments. In the case of the programme not being completed in the prescribed two years, a re-registration fee is payable for the next year. The University reserves the right to increase the fee annually. Distance examinations are arranged for students who apply, but at an extra cost of R 500 per examination paper within the RSA and SADC countries and R1 100 per examination paper for international countries. Examination fees are reviewed annually, and could thus be higher in 2012. Fees will be finalised towards the end of the year, typically during November.

Contact Details

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Certificate Programmes in Project Management

The Graduate School of Technology Management (GSTM) offers several certificate programmes in project management with Continuing Education at University of Pretoria (Pty) Ltd. The goal with these programmes is to develop individual and organisational skills for individuals and organisations that do not want to go the formal degree route or do not comply with the admission criteria for doing a masters programme.



One year courses in Project Management

- Programme in Project Management (PPM)
- Advanced Programme in Project Management (APPM)

Short courses in Project Management

- Project Management Principles and Practices
- Project Management Principles and Practices in Business Context
- Basic Project Management
- Critical Chain Project Management

Method of presentation

Lectures and group work during course days. Assessment takes the form of practical assignments that solve real problems in the workplace.

Further information on Certificate Programmes

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