

## **INSTITUT SUPERIEUR DE TECHNOLOGIES**

Sarl au capital de 10 000 000

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Agréé par le FAFPA (ministère de l'emploi)

Diplômes reconnus par le CAMES

Vingt (20) ans au service de la formation des ressources humaines

[www.istburkina.com](http://www.istburkina.com); Email : [infos@isburkina.com](mailto:infos@isburkina.com)

### **Master of Project Management**

#### **1. TITLE OF PROGRAMME**

The programme shall be *master* of project management **MEng. (PM)**

#### **2 PREAMBLE**

##### **2.1 Background**

Advancing your project management career requires the development of a specialized set of skills. Effective project managers must be able to oversee a diverse team, communicate with executive leadership, and keep project plans on track—and do all of this in a work environment that is becoming increasingly digitized and automated. As a result of globalisation, the application of new technologies, and an ever-changing economic environment, more and more organisations rely on project work, programs, and portfolios to conduct business. Project management methodologies can help standardise, structure, and organise work methods to achieve things on time, on budget, and to requirements.

##### **2.2 Justification**

This program is designed for professionals currently working or looking to work in the field of project management. It is particularly relevant for professionals looking to take the next step in their career.

This program emphasises the practical application of theory to develop your capacity to respond to current and emerging issues and trends. You will critically engage with project management theory and best practice principles, and evaluate and implement project management strategies using real world project based cases and examples.

##### **2.3 Target Group**

The targeted group includes holders of:

Applicants must have completed a UTS recognized bachelor's degree, or an equivalent or higher qualification, or other evidence of general and professional qualifications that demonstrates potential to pursue graduate studies. Bachelor's in BBA and other related Science and Technology fields. It is a requirement that the bachelor's degree be in BBA or the natural and physical sciences, with no more than 25 per cent of subjects failed

### **3. Programme Objectives**

#### **3.1. General Objectives**

In today's working environment the skills of the project manager have never been more in demand.

A masters degree in project management will help you develop skills that are highly sought after globally in a wide variety of sectors, such as construction, architecture, engineering, information technology, government and events management. You will learn how to run complex projects with a range of stakeholders, managing all phases on time and to budget, and contribute to an increase in business effectiveness. IST provides students with the knowledge, skills, and tools to successfully deliver new products and services, perform change and transformation, and – in general – to help project teams get things done. With a strong emphasis on extending skills and knowledge with work experience, this program will prepare graduates to apply their high-level understanding to real-world problems within any industry.

#### **3.2. Specific Objectives**

**At the end of this programs students will be able to :**

Project Management program provides an immersive learning environment for both aspiring and experienced project managers. This course equip students with the underlying knowledge and practical experience that drive project delivery across all industry sectors, from construction to information technology.

- ❖ Produce professional and dedicated Project Managers who should lead in the development and maintenance of projects based on International Standards. This programme aims to provide core skills to consultants, engineers, and executives from any industry, which includes knowledge and processes that are crucial for projects that deliver organizational values and benefits.
- ❖ The programme aims to develop skills in strategic thinking, leadership and best practices that enables more confident leaders in spear heading business initiatives and projects. In addition to meeting the needs of aspiring candidates or professionals, the programme will strengthen and develop existing project management professional's expertise.
- ❖ Develop masters-level knowledge and skills in Project Management in context of employer-driven needs, emerging markets, and contemporary subject areas within the discipline.
- ❖ Extend knowledge and understanding of, and practical skills in, a range of advanced Project Management topics.
- ❖ Develop academic and discipline-specific rigour through applied scholarship.
- ❖ Build or strengthen domain-specific understanding and transferrable skills thus equipping graduates for a career in industry or academia.
- ❖ Focus on depth of study, critical awareness and evaluation in selected areas of current research and advanced scholarship within the academic discipline of Project Management.

- ❖ Develop and strengthen critical analysis, independent scholarship, and intellectual empowerment through a structured research-informed programme of studies in Project Management and through research-informed teaching.
- ❖ Use the rigour of academic knowledge development and training to develop applied practical skills for construction of computer systems in real-world contexts.
- ❖ Provide a balanced programme of study, comprising Project Management theory with the opportunity to gain practical, hands-on experience.
- ❖ Develop scholarly and professional skills within the professional, legal and ethical frameworks which govern the development of computing solutions.
- ❖ To equip you, through independent learning at a postgraduate level, for further academic study, lifelong learning, and for personal and professional development.
- ❖ Develop effective communication skills of value to academic, technical and professional environments.

- **Duration of the Programme:**

This course is offered on a Two-year (Four semesters), full-time or online basis for students with a UTS-recognised bachelor's degree in BBA or the natural and physical sciences.

#### Programme Structure

Courses codes	Courses Names	Credit Units
	<b>Year one</b>	
	<b>Semester one</b>	
RM M01	Advanced research methods	3
OB M03	Organization Behavior	3
CS M02	Communication Skills	3
ESD M04	Entrepreneurship and Development	3
MBEC 2632	Business Ethics and Corporate Governance	3
MSM 9450	Strategic Management	3
MAE 421	Academic Essay	3
MPM100	Project Planning & Management	3
MPM111	Advanced Project management	3
	<b>Semester Two</b>	
MPM120	International Project Management	3
MPM121	Investment Law	3
MPM122	Marketing Management	3
MPM123	Managing services operation and Projects	3
MPM124	Issues in Development	3
MPM125	Qualitative and Quantitative Data Analysis in Projects	3
MPM126	Project risk and Disaster Management	3
MPM127	Project auditing and Termination	3
MPM128	Sustainable development	3
MPM129	Project Planning and programming	3

		<b>60</b>
	<b>Year Two</b>	
	<b>Semester One</b>	
MPM 416	Financial planning and Analysis	3
MPM 417	Monitoring and Evaluation of projects	2
MPM 418	Regional, economic corporation and integration	2
MPM220	Project Management Computing	2
MPM 421	Development Policy Analysis	2
MPM 422	Project Environment	3
MPM 423	Business Plan	2
MPM 424	Project Standards and Implementation	2
MPM 425	Strategic Project Management	2
MPM 426	Human Resource Management	2
MPM 427	Financial Accounting	2
MPM 428	Managerial Economics	2
MPM 432	Environmental Impact Assessment	2
MPM 433	Fundamentals of Accounting	2
		620
	<b>Semester Two</b>	
MPM 429	Internship	10
MPM 430	Thesis	20
		<b>60</b>
GCU		<b>120</b>