

GRADUATE SCHOOL OF ENGINEERING

VISION

A graduate school committed to develop globally competitive professionals in engineering and management, responsive to the needs of industry.

MISSION

Guided and inspired by the vision, we commit ourselves to:

1. Develop highly competent technology-and-industry-based professionals through quality education.
2. Produce ethical professionals through value-infused curricula and instruction.
3. Promote relevant, innovative research and extension services for the enrichment of academic scholarship and for nation building.
4. Develop and maintain a corps of competent, committed and ethical administrators, faculty and service personnel for the efficient and effective delivery of quality academic and administrative services.
5. Sustain mutually beneficial linkages with relevant institutions.
6. Engender goodwill and support of alumni, friends and agencies for a viable and sustainable graduate school.

THE ACADEMIC PROGRAMS

The School offers master's degrees with corresponding degrees of Diploma integrated into them following a modified ladder structure; that is, a certain number of master's level courses taken would qualify for a corresponding degree of Diploma. The degree of Diploma and the Master's degree constitute one continuing program which is governed by the policy of maximum residency.

The Degree of Diploma

The **degree of Diploma** is awarded upon completion of thirty (**30**) units as follows:

- A. For MEng Programs**
 - engineering science courses, specialization courses, and electives
- B. For MEM, MSICT and ME-MSManEng Programs**
 - engineering science courses, specialization courses/major courses, management courses/basic courses, and electives

Master of Engineering (MEng)

The **Master's degree** is awarded upon completion of the entire coursework (**42 units**). The culminating requirements are passing the comprehensive examinations and completing a thesis. A student who passed the comprehensive examinations is qualified to enrol in the thesis.

- A. Master of Engineering with specialization in Computer Engineering (MEng-CoE)**

This program is designed for Computer Engineers, Electrical Engineers, and Electronics and Communications Engineers. Enrolees to this program must take or must have taken the following undergraduate subjects: Computer Architecture and Digital Systems Design.
- B. Master of Engineering with specialization in Structural Engineering (MEng-SE)**

The program is designed for Civil Engineers to keep abreast with the latest methods of structural analysis, advanced design, material technology, and improved knowledge in structural loadings.

Master of Engineering Management with specialization in Construction Management (MEM-CM)

The Master of Engineering Management program prepares qualified engineers and selected professionals for leadership roles in the construction industry. This program is designed for Civil Engineers, Architects, Project Engineers, Construction Engineers, Construction Managers, Project Managers, consultants and technical personnel involved in the various phases of the construction cycle.

Master of Science in Information and Communications Technology (MSICT)

The MSICT program is designed for professionals who would like to possess a broad technical understanding in the IT field, a familiarity with systems engineering and management concepts, which makes them well-prepared to pursue leadership, technical and managerial positions in a variety of sectors and industries.

Prospective students must possess a baccalaureate degree course in the areas of science, engineering or management with a minimum regular study term of four (4) years, whose interest or line of work is in the area of ICT.

Management Engineering–Master of Science in Management Engineering (ME-MSManEng)

This program is offered to professionals who assume leadership roles in corporate management. Graduates of this program can also become effective project managers in a technologically-based organization.

Prospective students must possess a baccalaureate degree course in the areas of computer science, information management, information technology, science, engineering or a course in management all of which requires a minimum regular study term of four (4) years.

SUMMARY OF REQUIREMENTS FOR THE MEng Degree

Requirements	Units
Core Courses	6
Engineering Science Courses	9
Specialization Courses	12
Electives	9
Written Comprehensive Exams	-----
Culminating Requirement (Thesis)	6
TOTAL UNITS	42

**SUMMARY OF REQUIREMENTS FOR THE
MEM and MSICT Degrees**

Requirements	Units
Core Courses	6
Engineering Science Courses	6
Specialization Courses	12
Management Courses	6
Electives	6
Written Comprehensive Exams	-----
Culminating Requirement (Thesis)	6
TOTAL UNITS	42

**SUMMARY OF REQUIREMENTS FOR THE
ME-MSManEng Degree**

Requirements	Units
Core Courses	6
Engineering Science Courses	6
Major Courses	12
Basic Courses	6
Electives	6
Written Comprehensive Exams	-----
Culminating Requirement (Thesis)	6
TOTAL UNITS	42

ADMISSION REQUIREMENTS

1. **Transcript of Records**
 - a. Original & Photocopy
 - b. Photocopy (PLM Graduate)
2. **Recommendations to be filled up by any two (2) of the following:**
 - a. Former Professor/School Head
 - b. Present Employer/Superior
 - c. Senior Member of your profession/ association
3. **2 x 2 colored ID picture (2 pcs.)**
4. **Long brown envelope (1 pc.)**
5. **Computed GWA (General Weighted Average)**
 - the overall grade excluding P.E. and ROTC
6. **At least 1 year work experience**

CONTACT INFORMATION

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Graduate School of Engineering

Master of Engineering with specialization in
Computer Engineering (MEng-CoE)
Diploma in Computer Engineering

Master of Engineering with specialization in
Structural Engineering (MEng-SE)
Diploma in Structural Engineering

Master of Engineering Management
with specialization in
Construction Management (MEM-CM)
Diploma in Construction Management

**Master of Science in Information and
Communications Technology (MSICT)**
Diploma in Information and Communications
Technology

**Management Engineering–Master of
Science in Management Engineering
(ME-MSManEng)**
Diploma in Management Engineering