



**GRADUATE  
STUDIES**



**VINCENT MARY  
SCHOOL OF  
ENGINEERING  
SCIENCE  
AND TECHNOLOGY**



# M.S. IT

## MASTER OF SCIENCE IN INFORMATION TECHNOLOGY

**2-YEAR PROGRAM  
THESIS AND NON - THESIS OPTIONS**

**This program aims to prepare an IT professional who:**

- Has clear and in depth understanding of information technology;
- Has analysis and problem solving skill for information technology, as well as the decision making skill based on scientific methodology;
- Be able to innovate and create research projects which are beneficial to the academia and the application of information technology.

### **QUALIFICATION FOR ADMISSION**

1. Bachelor's degree in Information Technology or in other related fields
2. GPA of at least 2.5 out of 4.0 or equivalent

### **APPLICATION REQUIREMENTS**

1. A completed application form
2. Official transcript of the previous university attended (1 copy)
3. Bachelor's degree certificate (1 copy)
4. Citizen identification card and house registration (1 copy) - for Thai applicants
5. Passport (1 copy) - for Non-Thai applicants
6. One (1x1.5 inches) photograph (formal attire, not in graduation gown)
7. Letter of recommendation from former instructors or employers at the time of the application (2 letters)

Applicants who are graduates from overseas universities will be required to provide at the time of applying and not later, certified, attested, or notarized by competent notaries, all academic documents with the seal or stamp by the Ministry of Foreign Affairs, Ministry of Education or related department.

Note: All documents must be endorsed with signature and submitted in person within the last day of application period. Otherwise, the application will not be considered and the applicant will not be allowed for the Admission interview.

**DURATION:** 2 years

**ADMISSION FEE** 1,000 THB (Non-refundable)

### **ENTRANCE EXAMINATION**

- AU English Proficiency Test
- Interview Entrance Examination

### **Exemption**

The AU English Proficiency Test can be exempted depending on which of the following conditions you satisfy.

- a TOEFL score of (iBT) 90 or an IELTS (Academic) score of at least 6.5 (Validation: Two years)
- a Bachelor's degree from native English speaking countries (USA, Canada, UK, New Zealand and Australia)

### **VENUE & CLASS HOURS**

» **Hua Mak Campus**, Ramkhamhaeng 24 Road  
Mon. - Fri. 6.00 P.M. - 9.30 P.M.



**VINCENT MARY SCHOOL OF  
ENGINEERING, SCIENCE AND  
TECHNOLOGY (SUARNABHUMI  
CAMPUS)**

VMES Building, 88 Moo 8 Bang  
Na-Trad Km. 26, Bangsaothong District,  
Samutprakan, Thailand, 10540  
Tel: +66 (2) 783-2222 Ext. 2380  
Email: vmes@au.edu

## ADMISSION SCHEDULE

Schedule	Semester 1 (June – October)	Semester 2 (November – March)
Application Period	All year round	All year round
Entrance Test and Interview	To be announced	To be announced
Class begins	June	November

## STUDY PLAN

### Plan A : Coursework and Thesis

Year 1	Semester 1	Semester 2
	<ul style="list-style-type: none"> <li>- Information Systems Development</li> <li>- Software Engineering</li> <li>- Information Systems Security and Risk Management</li> </ul>	<ul style="list-style-type: none"> <li>- Information Technology Management</li> <li>- Database Management Systems</li> <li>- Information Technology Research Methods</li> </ul>
Year 2	Semester 1	Semester 2
	<ul style="list-style-type: none"> <li>- Two Elective Courses</li> <li>- Thesis</li> </ul>	<ul style="list-style-type: none"> <li>- Thesis</li> </ul>

### Plan B : Coursework and Independent Study

Year 1	Semester 1	Semester 2
	<ul style="list-style-type: none"> <li>- Information Systems Development</li> <li>- Software Engineering</li> <li>- Information Systems Security and Risk Management</li> </ul>	<ul style="list-style-type: none"> <li>- Information Technology Management</li> <li>- Database Management Systems</li> <li>- One Elective Course</li> </ul>
Year 2	Semester 1	Semester 2
	<ul style="list-style-type: none"> <li>- Two Elective Courses</li> <li>- Master Project</li> </ul>	<ul style="list-style-type: none"> <li>- Two Elective Courses</li> <li>- Master Project</li> </ul>

## Elective courses

- IT 6323 Multimedia Technologies
- IT 6325 Internetworking Technologies
- IT 6330 Information Technology Planning and Project Management
- IT 6335 Information Technology Strategic Planning
- IT 6336 Enterprise Architecture
- IT 6337 Managing Innovation in Digital Transformation
- IT 6341 Decision Support Systems
- IT 6344 Knowledge Management Systems
- IT 6345 Artificial Intelligence Systems
- IT 6346 Data Analytics
- IT 6362 Computer Simulation and Modeling
- IT 6364 Computer Graphics and Image Processing
- IT 6374 Business Transformation
- IT 6375 Business Insight and Visualization
- IT 6376 Managing Changes in Business Transformation
- IT 6377 Project Management in Business Transformation
- IT 6378 Digital Marketing
- IT 6379 Recommendation Systems
- IT 6380 Data Mining
- IT 6381 User Experience Design
- IT 6388 Electronic Commerce Technologies
- IT 6400-99 Selected Topics in Information Technology

## ESTIMATED FEES

Installments	Thai Students (THB)	Non Thai Students (THB)
1 <sup>st</sup> Installments	137,500	137,500
2 <sup>nd</sup> Installments	137,500	137,500
3 <sup>rd</sup> Installments	112,500	137,500
4 <sup>th</sup> Installments	112,500	137,500
<b>Total</b>	<b>500,000</b>	<b>550,000</b>

The fee doesn't cover the followings :

- Admission fee (non-refundable)
- Textbooks
- Maintaining Student Status (5,300 THB per semester)
- Comprehensive Examination (if apply)

Note :

1. In case of failed grade in any course or comprehensive examination, the student should repeat the course or exam with the registration and university fees at the latest rate separately.
2. The fees are subject to change at the university's discretion without prior notice.

### Important Notice

The information provided in this catalog is for reference only and should not be construed as a binding agreement between the student and the institution.

Assumption University reserves the right to modify any information contained herein, including but not limited to academic requirements for graduation.

Every effort will be made by the Office of Graduate Studies to keep students informed of any such changes.

## ADMISSIONS OFFICE

### Hua Mak Campus

Martin de Tours Hall (Building 'M'), 1<sup>st</sup> Floor  
Ramkhamhaeng Road, Soi 24, Bangkok 10240,  
Thailand

### Office Hours:

Monday – Friday: 08:30 A.M. – 05:00 P.M.  
Saturday: 08:00 A.M. – 04:30 P.M.  
Sunday: 08:00 A.M. – 02:00 P.M.

