



# University of Southeastern Philippines

College of Information and Computing

## MASTER IN INFORMATION TECHNOLOGY (MIT)

CMO No. 15 series of 2019

CMO No. 7 series of 2010

Approved BOR Resolution No. 07, series of 2023

Effective SY 2022-2023

### IT Core Courses

Code	Description	Units	Pre-Requisite
ITCC111	Advanced Database System	3	None
ITCC112	Advanced Technology and Project Management	3	None
ITCC113	Advanced System Design and Implementation	3	None
ITCC114	Advanced Operating System and Networking	3	None

### Specialization Courses

**Directed towards IT Systems Management**

Code	Description	Units	Pre-Requisite
ITSC 7121	Methods of Research and Statistics	3	At least 6 units of core courses
ITSC 7122	IS Management and Leadership	3	
ITSC 7123	Innovation Management	3	
ITSC 7124	Total Quality Management	3	
ITSC 7125	Software Process	3	
ITSC 7126	Data Privacy and Protection Management	3	
ITSC 7127	Information Systems Planning	3	
ITSC 7128	Foresight And Future's Thinking In Information Technology	3	

### ELECTIVES/COGNATES

	Elective 1	3	Passed the Comprehensive Exam
	Elective 2	3	None
List of Elective Courses:	<ul style="list-style-type: none"> <li>• ITEC7211 - Emerging Trends</li> <li>• ITSC116 - Knowledge Management</li> <li>• ITSC118 - Advanced Data Analytics</li> <li>• ITEC7212 - Data Mining</li> </ul> <p><i>* Elective 1 offering of subject will be based on the profile of the students currently enrolled.</i>  <i>* Elective 2 may be taken from other programs subject to the approval of the graduate school head.</i></p>		

### CAPSTONE

Code	Description	Units	Pre-Requisite
ITCP111	Capstone 1	3	Passed the Comprehensive Exam
ITCP112	Capstone 2	3	ITCP111

### PROGRAM REQUIREMENTS (SUMMARY):

Core Courses	12
Specialization Courses	12
Electives/Cognates	6
Capstone	6
<b>Total</b>	<b>36</b>

### Requirements:

1. Completed academic requirements of 36 units.
2. Presentation of the completed capstone project in a national or international public forum.

### Mode of delivery: Blended

Note: MIT program is under master's degree (Professional Track)

Prepared by:

IVY KIM D. MACHICA  
 Dean, CIC

Recommending Approval:

EVEYTH P. DELIGERO  
 Dean, OAS

Approved by:

BONIFACIO G. GABALES, JR.  
 Vice President for Academic Affair

### WE BUILD DREAMS WITHOUT LIMITS

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 Inigo St., Bo. Obrero, Davao City  
 Philippines 8000

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 Website: www.usep.edu.ph  
 E-mail: cic\_dean@usep.edu.ph



### Sample Program of Study

1 <sup>st</sup> Year, 1st Semester			
Course Code	Course Description	Units	Pre-requisite
ITCC111	Advanced Database System	3	None
ITCC112	Advanced Technology and Project Management	3	None
ITCC113	Advanced System Design and Implementation	3	None
ITCC114	Advanced Operating System and Networking	3	None
<b>Total</b>		<b>12</b>	

1 <sup>st</sup> Year, 2nd Semester			
Course Code	Course Description	Units	Pre-requisite
	Specialization Course 1	3	At least 6 units of core courses
	Specialization Course 2	3	
	Specialization Course 3	3	
	Specialization Course 4	3	
<b>Total</b>		<b>12</b>	

Off- Semester			
Course Code	Course Description	Units	Pre-requisite
	COMPREHENSIVE EXAM		completed all core and specialization courses (July and December)

2 <sup>nd</sup> Year, 1st Semester			
Course Code	Course Description	Units	Pre-requisite
	Elective 1	3	Passed the Comprehensive Exam
	Elective 2	3	None
ITCP111	Capstone 1	3	Passed the Comprehensive Exam
<b>Total</b>		<b>9</b>	

2 <sup>nd</sup> Year, 2nd Semester			
Course Code	Course Description	Units	Pre-requisite
ITCP 112	Capstone 2	3	ITCP111
<b>Total</b>		<b>3</b>	

## ADMISSION REQUIREMENTS:

1. Applicants entering the MIT program must have undergraduate or industry preparation that would have exposed the students to programming concepts and skills and the design and operation of IT infrastructure and its components. Undergraduate preparation may be in the following ITE fields: BSCS, BSIT, BSIS, and its allied courses.
  - a. The recommendation should be made by a former professor, Dean, or administrative head of the institution previously attended.
  - b. By the head of Office or immediate supervisor you are currently connected (IF EMPLOYED), or by any person holding a respectable position in business or a person prominent in any profession (IF NOT EMPLOYED)
  - c. The recommendation letters should be placed inside a sealed envelope addressed to the Dean, College of Information and Computing, University of Southeastern Philippines, Inigo Street, Davao, Bo. Obrero, Davao City.
2. To be admitted, applicants must take the Graduate School Admission Test (GSAT), earn a "pass" mark, and get a score of at least 80% in Mathematics and English. Applicants on probationary status may be granted admission with conditions outlined in the supplemental guidelines on graduate school admission policy.
3. Submit concept paper for a capstone project.
4. Submit photocopies of Transcript of Record and Honorable Dismissal in a sealed envelope.

## RETENTION POLICY (GS MANUAL, 2010)

1. The student shall maintain 2.0 or better in all courses required for the degree in any given semester and pass the comprehensive examination to remain in the program.
2. Completion of all requirements for the degree is within seven (7) years. Included are two (2) semesters of allowable leave of absence.

## GRADUATION REQUIREMENTS:

1. Completed academic requirements of 36 units.
2. Presentation of the completed capstone project in a national or international public forum.

## PROGRAM OUTCOMES:

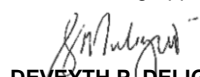
To attain the vision, mission, and goals of the University, the College identifies program attributes specific to the Master in Information Technology:

1. Knowledge for Solving Computing Problems
2. Problem Analysis
3. Design/Development of Solutions
4. Modern Tool Usage
5. Individual and Teamwork
6. Communication
7. Computing Professionalism and Ethics
8. Lifelong Learning


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