

**Computer Studies Division  
Ateneo de Davao University**

**Master in Information Technology (MIT)  
(Revised Curriculum - SY 2012-2013)**

The Master in Information Technology (MIT) Program is a thesis program designed for individuals who wish to undertake both intermediate and advanced levels of study of today's emerging technologies and its various applications in different industries. Recognizing that IT is an integrative discipline, core courses will be supplemented by suggested seminar courses to be able to cover a greater breadth of the IT body of knowledge.

**Foundation Courses**

Applicants whose backgrounds are not information technology, computer science, computer engineering, information systems and allied fields are required to take the following subjects:

Course No.	Description	Unit	Pre-requisite
IT 100	Programming Fundamentals	3	
IT 210	Data Structures	3	

Applicants with industry-recognized (IT) certifications may be exempt from enrolling in the above foundation courses. Further, they may also choose to take a validation/challenge exam if they wish to be exempt.

**Core Courses**

Course No.	Description	Unit	Pre-requisite
<b>First Year</b>			
<b>1<sup>st</sup> Term (June-October)</b>			
IT 230	Organization of Databases	3	
IT 200	Software Engineering (Principles of Data & Information Systems)	3	
<b>2<sup>nd</sup> Term (Oct-Feb)</b>			
IT 220	Computer Organization	3	
IT 240	Programming Paradigms	3	
<b>3<sup>rd</sup> Term (Feb-May)</b>			
IT 501	Independent Study I	3	
IT 400	Human Computer Interaction	3	
<b>Second Year</b>			
<b>4<sup>th</sup> Term (June-Oct)</b>			
IT 444	Network Technologies (CCNA Exploration 2, 3 & 4)	3	
IT 250	Operating Systems and Information Security	3	
<b>5<sup>th</sup> Term (Oct-Feb)</b>			
IT 448	Web Systems & Technologies	3	IT 230
IT 440	Advanced Seminar I	3	
<b>6<sup>th</sup> Term (Feb-May)</b>			
IT 502	Independent Study II	3	IT 501
IT 442	Advanced Seminar II	3	

**Seminar Courses (any two of the following):**

1. Robotics
2. Project Management
3. Computer Vision
4. Multimedia Systems
5. Emerging Technologies

**Summary:**

Total Core Courses:	24
Total Advanced Seminar Courses :	6
Total Independent Study Units:	6