

**Change to the Master of Information Technology & Management Degree****Purpose of Change**

This change requires all students in the Master of Information Technology & Management degree program to complete ITM 411, Intermediate Software Development. This change ensures that the degree is more technically rigorous and clearly conveys to both current and prospective students clear expectations of the level of technical knowledge required for completion of the degree. Many students in the program have chosen to focus on the management aspects of the degree, and the concern is that some students may not be adequately prepared with the requisite technical knowledge that we expect of all graduates, particularly those who do not have an undergraduate degree in the field. This change has been approved and is effective for students entering in fall of 2009.

**Previous Wording: Admission Requirements** (strikethrough text is removed in new wording)

Students whose undergraduate degree is not in a computer-related area or who do not have significant experience or certifications in the information technology field will be required to demonstrate proficiency in the undergraduate courses that are prerequisites for the graduate program.

Proficiency may be demonstrated by taking and passing a written exam or taking and passing, with a grade of "B" or better, the prerequisite undergraduate courses at IIT. Current prerequisites for the Master of Information

Technology & Management include computer hardware and operating system literacy (ITM 301 or ITM 302 or equivalent coursework, certification or experience) ~~and an ability to program at a basic level using a contemporary programming language (ITM 311 or ITM 312 or equivalent coursework, certification or experience)~~. Students enrolled in undergraduate post-baccalaureate studies (see page 28) may take these courses as part of that program. Proficiency may also be demonstrated by presentation of documentation of equivalent training or certification; in this case waivers of the prerequisites may only be granted by the graduate adviser or the ITM Associate Director.

**New Wording: Admission Requirements**

Students whose undergraduate degree is not in a computer-related area or who do not have significant experience or certifications in the information technology field will be required to demonstrate proficiency in the undergraduate courses that are prerequisites for the graduate program.

Proficiency may be demonstrated by taking and passing a written exam or taking and passing, with a grade of "B" or better, the prerequisite undergraduate courses at IIT.

Current prerequisites for the Master of Information Technology & Management include computer hardware and operating system literacy (ITM 301 or ITM 302 or equivalent coursework, certification or experience). Students enrolled in undergraduate post-baccalaureate studies (see page 28) may take these courses as part of that program. Proficiency may also be demonstrated by presentation of documentation of equivalent training or certification; in this case waivers of the prerequisites may only be granted by the graduate adviser or the ITM Associate Director.

**Previous Wording: Master of Information Technology & Management**

30 credit hours (Courses may be selected from 400- and 500-level courses: a minimum of 18 credit hours must be at the 500-level or higher.)  
GPA of 3.0/4.0 or better

Students whose undergraduate degree is not in a computer-related area or who do not have significant experience or certifications in the information technology field will be required to complete core courses or demonstrate their knowledge through equivalent coursework, certification or experience. These core courses will ensure basic knowledge of networking concepts, protocols and methods (ITM 540); knowledge of the Internet, including the ability to build Web sites and deliver them on a server (ITM 461); and the ability to create and administer databases using a modern data- base management system (ITM 421). Students enrolled in undergraduate post-

baccalaureate studies (see page 28) may take these courses as part of that program, but they will not then be applied to their graduate degree.

The following course groupings are meant to guide students in their course selection, allowing them to focus on a particular area of information technology, depending on their interests, background and career goals; alternative courses in each specialization may be available at the discretion of the student's advisor. Final determination of completion of a specialization will be made by a student's graduate adviser. Students are not required to choose a specialization for degree completion and can mix courses from different specializations; a general program of study is also available.

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**Change to the Master of Information Technology & Management Degree**

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**Core Courses (9 hours)****Required courses**

ITM 421 Data Modeling and Applications  
ITM 461 Internet Technologies & Web Design  
ITM 540 Introduction to Data Networks and the Internet

Note: Core courses may be waived upon presentation of evidence of equivalent coursework, certification or experience. Approval of waivers will be made by the student's adviser or the ITM Associate Director.

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**New Wording: Master of Information Technology & Management**

(changes in red)

30 credit hours (Courses may be selected from 400- and 500-level courses; a minimum of 18 credit hours must be at the 500-level or higher.)  
GPA of 3.0/4.0 or better

Students whose undergraduate degree is not in a computer-related area or who do not have significant experience or certifications in the information technology field will be required to complete core courses or demonstrate their knowledge through equivalent coursework, certification or experience. These core courses will ensure **an ability to program at a competent level using a contemporary programming language (ITM 411)**; basic knowledge of networking concepts, protocols and methods (ITM 540); knowledge of the Internet, including the ability to build Web sites and deliver them on a server (ITM 461); and the ability to create and administer databases using a modern database management system (ITM 421). Students

enrolled in undergraduate post-baccalaureate studies (see page 28) may take these courses as part of that program, but they will not then be applied to their graduate degree.

The following course groupings are meant to guide students in their course selection, allowing them to focus on a particular area of information technology, depending on their interests, background and career goals; alternative courses in each specialization may be available at the discretion of the student's advisor. Final determination of completion of a specialization will be made by a student's graduate adviser. Students are not required to choose a specialization for degree completion and can mix courses from different specializations; a general program of study is also available.

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**Core Courses (9 hours)****Required courses**

**ITM 411 Intermediate Software Development and 6 hours chosen from the following:**  
ITM 421 Data Modeling and Applications  
ITM 461 Internet Technologies & Web Design  
ITM 540 Introduction to Data Networks and the Internet

Note: Core courses may be waived upon presentation of evidence of equivalent coursework, certification or experience **or successful completion of the placement examination**. Approval of waivers will be made by the student's adviser or the ITM Associate Director. **If any one core course is waived, students must still complete nine hours of core course content.**