BUSINESS INFORMATION TECHNOLOGY (MS) ONLINE

The MS in Business Information Technology is offered by the Jarvis College of Computing and Digital Media (CDM), with some course work taken from the Kellstadt Graduate School of Business that addresses today's need for individuals who understand the core principles of both business and technology in corporations, health care institutions, and government agencies.

Program Requirements	Quarter Hours
Introductory Courses	0-4
Required Courses	48
Total hours required	**48-52**

Learning Outcomes

- Analyze and design a complex information system using data and process modeling.
- Create a project plan for the development of an information system.
- Analyze the effectiveness of network computing and cloud computing policies in a multi-location organization.
- Analyze the effectiveness of a security policy, citing strengths and making recommendations for improvement.
- Evaluate project and IT management situations to determine which of the various categories of leadership approaches is most appropriate, and construct a plan to apply those leadership techniques.
- Interpret and use financial statements to analyze the position, performance and changes in the financial position of an organization.
- Apply marketing metrics to evaluate the effectiveness of marketing activities.

Degree Requirements

No Introductory Course may be substituted for any other course at any level.

Introductory courses may be waived for any of the following conditions:

- The student has the appropriate course work to satisfy an Introductory Course.
- The student has appropriate and verified professional experience to satisfy an Introductory Course.
- If an exam is available, the student passes a Graduate Assessment Examination (GAE) in the Introductory Course area.

Introductory Courses

Course	Title	Quarter Hours
IS 411	INTRODUCTION TO PROGRAMMING FOR BUSINESS APPLICATIONS	4

Required Courses

Course	Title	Quarter Hours
CDM Required Courses		
IS 421	SYSTEMS ANALYSIS AND DESIGN	4
IS 424	ENTERPRISE INFRASTRUCTURE	4
IS 430	FUNDAMENTALS OF IT PROJECT MANAGEMENT	4
CSEC 440	INFORMATION SECURITY MANAGEMENT	4
HCI 440	INTRODUCTION TO USER-CENTERED DESIGN	4
Kellstadt Required Courses		
ACC 502	FINANCIAL ACCOUNTING FOR MANAGERIAL DECISION MAKING	4
MKT 555	MARKETING MANAGEMENT	4
MGT 500	LEADING EFFECTIVE AND ETHICAL ORGANIZATIONS	4
GSB 525	BUSINESS INNOVATION & DESIGN (FORMERLY MGT 573)	4
MGT 502	OPERATIONS MANAGEMENT	4
or MGT 555	HUMAN CAPITAL STRATEGY AND SCIENCE	
Open Elective Courses		
Select four (4) credit hours of Open Electives [1]		4
Capstone [2]		4

[1]   Open Elective Courses are in the range of 421-699 and must be chosen among CSEC, CSC, DSC, ECT, GAM, GPH, HCI, HIT, IPD, IS, IT, NET, SE, and Kellstadt courses.

[2]   See Capstone Options below.

Capstone Options

Students have the option of completing either (a) IS 577 (Information Systems capstone course) or IS 580 (Technology Entrepreneurship) or IS 531 (Digital Innovation Strategies, Processes and Tools), (b) a Graduate Internship (4 credits), (c) two quarters of CSC 500 (a Research Colloquium course), (d) IS 696 (a Master's Project course), or (e) a Master's Thesis.

- **Capstone Courses**
  - IS 577
  - IS 580
  - IS 531
- **Graduate Internship**
  - An internship offers students the opportunity integrate their academic experience with on-the-job training in information systems. Students must enroll in CSC 697 for four (4) credit hours to satisfy the practicum requirement. These are the steps:
  a. Secure an internship with a focus in information systems.
  b. International Students must obtain the appropriate practical training form and meet with an advisor in the CDM Academic Center for approval (http://oiss.depaul.edu/Requests/Forms/index.asp (http://oiss.depaul.edu/Requests/Forms/)).
  c. Login to MyCDM and click the "MyInternships" link on the left to start the course enrollment process.
- **Research Options**
  - CSC 500 This is a course for two (2) credit hours therefore students must enroll in the course in each of two (2) separate quarters.
  - Master's Research
    - Up to eight (8) credit hours with Major Elective substitutions.
  - IS 696
  - Master's Thesis

- A student who has made an original contribution to the area may choose to complete a Master's Thesis. The process is:
  i. Complete IS 590 as a Major Elective substitution.
  ii. The student and the student's research advisor form a Master's Thesis Committee of three (3) faculty.
  iii. The student enrolls in IS 698 for two (2) consecutive quarters. In the event, the students has not completed the thesis within these two (2) quarters, the student will be allowed to register for the zero (0) credit hour course CSC 698 and the transcript will show the thesis title as the course topic.
  iv. The student will need to submit to the committee a thesis detailing the results of the research project. After a public defense, the committee will decide whether to accept the thesis.

Degree Requirements

Students in this degree program must meet the following requirements:

- Complete a minimum of 48 graduate credit hours in the designated degree program.
- Complete all graduate courses and requirements listed in the designated degree program.
- Earn a grade of C- or better in all courses of the designated degree program.
- Maintain a cumulative GPA of 2.5 or higher.
- Students pursuing a second (or more) graduate degree may not double count or retake any course that applied toward the completion of a prior graduate degree. If a required course in the second degree was already completed and applied toward a previous degree, the student must meet with a faculty advisor to discuss a new course to be completed and substituted in the new degree. This rule also applies to cross-listed courses, which are considered to be the same course but offered under different subjects.
- Students pursuing a second master's degree must complete a minimum of 48 graduate credit hours beyond their first designated degree program in addition to any required introductory courses in their second designated degree program.

Students with a GPA of 3.9 or higher will graduate with distinction.

For DePaul's policy on repeat graduate courses and a complete list of academic policies, see the DePaul Graduate Handbook.