



# MSIS

## Program Description

The David Eccles School of Business Master of Science in Information Systems (MSIS) program is designed to provide advanced IT training for individuals seeking the skills necessary to manage the technology of business.

Companies in the private and public sectors need information systems (IS) executives, analysts and specialists with business and technology knowledge to align information technology with business strategies. Our information systems curriculum is designed to offer courses that integrate technology into business processes.

The MSIS program offers students advanced graduate specializations in a variety of today's hottest IT fields including Data Management, IT Security, Operations, Project Management and more. Each concentration offers University of Utah students a unique competitive advantage that will prepare them for high-level leadership positions in major corporations.

**Degree Requirements:** 30 credit hours

### Program format options:

**Full-Time** — The MSIS program can be taken in a full-time format which takes on average three semesters to complete. Well-prepared students can complete the program in as little as two semesters.

**Part-Time** — The MSIS program can also be taken in a part-time format to meet the needs of working students. The part-time program takes an average of five to six semesters to complete.

**Master of Science Requirement:** MSIS students must complete a capstone project for graduation. A Masters thesis is not required.

**Class Availability:** IS core classes and electives are offered both during the day and evening to accommodate the diverse schedule needs of our students. Once admitted, we recommend making an appointment with our MSIS academic advisor to map out a course of study that will match your needs with class schedules.

**Enrollment Options:** Fall and Spring semester

## New Electives for 2012

One of the most significant benefits of our MSIS program is the continual evolution of our IS curriculum. Based on our recent market assessment and feedback from students and industry recruiters, we've added the following two electives for spring 2012.

### **Mobile Applications: IS 6850-001**

Understanding the fundamentals of mobile software and development is vital to a successful career in Information Systems. This course will examine the software behind mobile applications, giving students hands-on exposure to building web and native device applications.

Some of the specific topics we will discuss include HTML optimization for mobile devices, SMS, geolocation, and building native device applications. This course will provide hands-on experience in building these solutions.

### **Web Analytics: IS 6850-002**

This course focuses on tracking Web site activity through JavaScript web beacons and analyzing the resultant data to optimize the Web site. Students will be given access to an enterprise class Web Analytics tool called Adobe SiteCatalyst. We will also focus on implementation and coding; only rudimentary HTML knowledge is required.

## MSIS Curriculum: 18 Core Credits / 12 Elective Credits

### Core Curriculum

IS 6420	Database Theory and Design	3
IS 6410	Systems Analysis & Design	3
IS 6640	Networking & Servers	3
OIS 6660	Project Management	3
IS 6471	Emerging Web Technologies and Strategies	3
IS 6596	Master Project – Analysis and Planning	1.5
IS 6597	Master Project – Execution and Presentation	1.5

### Recommended Electives

IS 6460	Web Systems & Services	3
IS 6850	Mobile Applications	3
IS 6615	Data Structure and Java	3
IS 6465	Web Based Applications	3
OIS 6500	VBA for Excel	1.5
IS 6570	IT Security	3
IS 6571	IT Forensics	3
IS 6572	Network Defense	3
AGGTG 6520	IT Risks and Controls	3
IS 6480	Data Warehousing	3
IS 6484	Advanced Data Management	3
IS 6850	Web Analytics	3
OIS 6040	Data Analysis and Decision Making I	1.5
OIS 6041	Data Analysis and Decision Making II	1.5
OIS 6482	Introduction to Data Mining	1.5
OIS 6062	Operations Management	3.0
OIS 6450	Business Process Simulation	3
OIS 6425	Six Sigma for Managers	3
OIS 6610	Practical Management Science	3
OIS 6620	Supply Chain Management	1.5

### Corresponding Concentrations:

- Web/Development
- Database Management & Analytics
- Security
- Operations Management

**CONNECT WITH US!** If you haven't already done so, we invite you to let us know more about your interests and background by filling out a short information form at <http://uougmba.askadmissions.net/emtinterestpage.aspx?ip=msis>. Once you complete this form, we can also send you information about program developments, information sessions and updates in the IT job market that may affect your decision to pursue a graduate degree in IS. We hope you will connect with us!

## MSIS Capstone Project

MSIS students work throughout the entire course of their program on a capstone project. Graduates leave the program with hands-on, real-world experience that is valued in the marketplace. Students form two to five person teams, and design a project that benefits either the University of Utah or an outside organization. Past graduates have worked with companies like Blue Coat Systems, The Digital Ranch, and Qazztek on projects that deliver real results and lasting impact. To read more about our graduates' capstone projects, please visit <http://www.business.utah.edu/master-of-science-in-information-systems/past-msis-capstone-projects>.

## MSIS Fast Track Program

Applicants that qualify for our Fast Track program earn the right to waive the GMAT/GRE and 2 letters of recommendation.

The David Eccles School of Business application and essays are still required.

To be eligible for the Fast Track program, applicants must meet the following criteria:

- Upper Division IS courses must have been taken at the University of Utah. Equivalents at other institutions are not accepted. Level 6000 equivalents at the University of Utah are accepted.
- Maintain a GPA of 3.5 or better in upper division Information Systems courses. At least four upper division IS courses must be completed at the time of application.
- Maintain a minimum overall undergraduate GPA of 3.4.

## How much coding is involved in the MSIS Degree?

MSIS students focus on using applications, not building them. This is not a degree for coders or developers; rather, it is a degree for individuals who want to put technical skills to work to help businesses improve process, increase security, and create value. A background in computer science or programming is not necessary for successful completion of the MSIS degree.

## Program Corequisites

IS 4410 / Introduction to Information Systems

## Microsoft Developer Network (MSDN)

The MSIS Program participates in the Microsoft Developer Network (MSDN) Academic Alliance. Our partnership with Microsoft gives students free access to many Microsoft software platforms while in school.



**David Eccles**  
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For more MSIS program information visit:

[www.business.utah.edu/master-of-science-in-information-systems](http://www.business.utah.edu/master-of-science-in-information-systems)

## Applying for the MSIS Program

### Deadlines

Spring 2012: November 1, 2011

Fall 2012: Priority: March 1, 2012 / Secondary: April 1, 2012

There are three ways to apply for the MSIS Program:

#### 1) Full MSIS Application:

Complete David Eccles School of Business Application ([www.business.utah.edu/mastersapplication](http://www.business.utah.edu/mastersapplication)) which includes:

- GMAT/GRE Test scores
- Language Proficiency Test information (100 ibt or 600 pbt or 7.0 IELTS)
- Personal information
- Professional resume
- Personal Essays
- Unofficial transcripts – you will be asked to upload your unofficial transcripts from all undergraduate institutions. The university requires an undergraduate degree from an accredited institution and a minimum cumulative GPA of 3.0. If your GPA does not meet this standard, the GPA from your last 60 hours is accepted.
- Residency Determination
- Application fee – the application fee is \$55 for domestic applicants and \$65 for international applicants
- Recommendations – 2 recommendations are required for all programs unless waived for fast track applications. You will need to supply the email addresses for the individuals submitting your recommendations for this online process. All recommendations must be submitted online. Paper recommendations will not be accepted.

#### 2) Fast Track Status Application:

Applicants that qualify for the Fast Track program earn the right to waive the GMAT/GRE and letters of recommendation. The David Eccles School of Business application and essays are still required.

#### 3) IT Leadership Status Application:

The GMAT / GRE requirement may be waived for applicants who have five or more years of IT management or subject matter expertise. The MSIS Program Director will make all evaluations on whether candidates meet IT Leadership status. The School of Business application, recommendations and essays are still required for IT Leadership applicants. To request IT Leadership consideration, please e-mail [mastersinfo@business.utah.edu](mailto:mastersinfo@business.utah.edu). Please include your professional resume.

## Tuition & Fees

Estimated tuition and fees for the MSIS Program are as follows:

Full-Time / Resident / 3 Semesters \$21,500

Part-Time / Resident / 5 Semesters \$23,000

Estimates reflect 30 total credit hours taken over the course of 3 or 5 semesters at the current tuition rates (spring or fall 2012). Please note that this is an estimate and tuition rates may increase without notice.

Merit-based scholarships / Graduate Assistantships are available to MSIS students. Students seeking scholarships are encouraged to get application materials submitted as early as possible. All applicants are considered for merit based aid; additional application materials are not required. Other forms of financial aid are available to graduate students. Please call the University financial aid office at 801-581-6211 or visit <http://www.sa.utah.edu/finance/>.

## Contact us

### MSIS Admissions Coordinator

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801-581-7785

### MSIS Student Ambassador

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