INFORMATION TECHNOLOGY MANAGEMENT, B.S.

The information technology management (ITM) major offered by Saint Louis University's Richard A. Chaifetz School of Business is designed to prepare business students for careers as information systems professionals.

The Chaifetz School's program is a member of the Oracle Academic Initiative, the Microsoft Academic Alliance and the IBM Scholars Program. ITM courses require extensive hands-on projects, teamwork and the use of high-end computer technology. Course topics include database management, systems analysis and design, data networking, graphical user interface, website design and computer security.

The Chaifetz School is also a member of the SAP University Alliance. As a member of the SAP University Alliance, the school is the only business school in the St. Louis area to offer SAP certification, providing students hands-on experience with SAP software that allows them to put classroom theory into practice.

Curriculum Overview

SLU's ITM major is designed to prepare business students for careers as information systems professionals. The program of study focuses on educating students about the development and use of information systems as decision-making and problem-solving tools in a business environment. Students develop the technical skills and organizational insights required to analyze, design, implement and manage information systems with an emphasis on the application of web-based and object-oriented information technologies. Courses require extensive hands-on projects, teamwork and use of high-end computer technology.

Internships/Student Organizations

Students in the ITM program are strongly encouraged to gain practical, career-related work experience through an internship or co-op. TechInterns, a special internship program, is a student-managed internship program that provides an opportunity for students to work in a variety of tech support roles throughout the University while receiving ongoing training in personal and professional development. Recent ITM students have participated in internships at:

- AT&T
- Anheuser-Busch
- Boeing
- Edward Jones
- MasterCard
- Monsanto
- Wells Fargo

Careers

Graduates join a global network of nearly 20,000 alumni from the Richard A. Chaifetz School of Business. Having careers in fields, such as:

- Database administrators
- Network administrators
- Software engineers
- System support specialists
- Systems analysts
- Systems designers
- Web developers

When combined with a second major in accounting, finance, management or marketing, additional opportunities exist for technology analyst positions within these other business areas. All students in the program will learn and develop a strong set of skills in problem-solving, information utilization and business communication that will serve as a base for many different long-range career paths in areas as diverse as health care, law and government service.

Admission Requirements
Freshman

All applications are thoroughly and carefully reviewed. Solid academic performance in college preparatory course work is a primary criterion in reviewing a freshman applicant's file. College admission test scores (ACT or SAT) are used as an additional indicator of the student's ability to meet the University's academic requirements and to qualify the student for certain University scholarship programs. To be considered for admission to any Saint Louis University undergraduate program, the applicant must be approaching graduation from an accredited high school or have an acceptable score on the General Education Development (GED) test.

Transfer

Applicants must be a graduate of an accredited high school or have an acceptable score on the GED. An official high school transcript and official test scores are required only of those students who have attempted fewer than 24 transferable semester credits (or 30 quarter credits) of college credit. Those having completed 24 credits or more of college credit need only submit a transcript from previously attended college(s). Transfer students must have a cumulative 2.70 GPA to be admitted to the accounting program and a 2.50 GPA for all other majors. In reviewing a transfer applicant's file, the office of admission holistically examines the student's academic performance in college-level coursework as an indicator of the student's ability to meet the academic rigors of Saint Louis University.

International Applicants

All admission policies and requirements for domestic students apply to international students along with the following:

- Demonstrate English Language Proficiency (http://catalog.slu.edu/academic-policies/office-admission/undergraduate/english-language-proficiency)
- Proof of financial support must include:
  - A letter of financial support from the person(s) or sponsoring agency funding the time at Saint Louis University
  - A letter from the sponsor's bank verifying that the funds are available and will be so for the duration of study at the University
- Academic records, in English translation, of students who have undertaken postsecondary studies outside the United States must include the courses taken and/or lectures attended, practical laboratory work, the maximum and minimum grades attainable, the grades earned or the results of all end-of-term examinations, and any honors or degrees received. WES and ECE transcripts are accepted.

Scholarships and Financial Aid

There are two principal ways to help finance a Saint Louis University education:

- Scholarships: awarded based on academic achievement, service, leadership and financial need.
- Financial Aid: provided in the form of grants and loans, some of which require repayment.

For priority consideration for merit-based scholarships, applicants should apply for admission by Dec. 1 and complete a Free Application for Federal Student Aid (FAFSA) by March 1.

For information on other scholarships and financial aid, visit the student financial services office online at http://finaid.slu.edu.

Accreditation

The Richard A. Chaifetz School of Business is accredited by AACSB, the Association to Advance Collegiate Schools of Business, the world's largest business education alliance and accrediting body of business schools, ensuring continuous quality improvement in terms of curriculum, instructional resources, student selection, career placement and intellectual contributions and qualifications of the faculty. Less than 10% of business schools worldwide have achieved AACSB accreditation.

Learning Outcomes

1. Graduates will be able to understand essential business concepts and how the various functional areas of business are related.
2. Graduates will be able to demonstrate knowledge of ethical concepts and corporate social responsibility and be able to evaluate business problems from multiple ethical perspectives.Graduates will be able to
3. Graduates will be able to identify and structure business problems and propose actionable solutions to business problems and when applicable utilizing appropriate technology.
4. Graduates will be able to demonstrate effective written communication.
5. Graduates will be able to understand how cultures, politics, laws, ethics, and economies influence and impacts business and use tools and concepts to analyze and formulate an international business strategy.
6. Graduates will be able to understand the use of information technology in managing businesses.
7. Graduates will be able to be familiar with the fundamentals of information technology systems and applications.
8. Graduates will be able to have the ability to use enterprise systems to integrate business functions.

Requirements

Eighteen (18) credits in addition to ITM 2000 Information Technology with Supply Chains (0,3 cr), which is taken as a business CBK requirement. (All courses are three credits.)

Code	Title	Credits
Business Common Body of Knowledge (CBK) (p. 3)		*45*
Arts and Sciences Core Requirements (p. 3)		*48*
Information Technology Management Courses [†]		
ITM 3100	Enterprise Applications Development	3
ITM 3300	Database Management Systems	3

ITM 4100	Systems Analysis & Design	3
Information Technology Management Electives		
Select three of the following:		9
ITM 3450	Web Site Design and Development	
ITM 3500	Information Security Management	
ITM 3550	Introduction to "Big Data"	
ITM 3700	Business Analytics	
ITM 3800	Project Management	
ITM 3900	Applied Enterprise Systems Implementation	
ITM 4700	Business Data Mining	
ITM 4900	Enterprise Systems Practicum	
ITM 4910	Information Technology Management Internship	
ACCT 4250	Accounting Information Systems [1]	
Electives in Business or Other Areas [‡]		*9*
Total Credits		120

*   A course may not be used to fulfill requirements in two majors/minors, i.e. ACCT 4250 Accounting Information Systems (3 cr) may be used in either the Information Technology Management major/minor or the Accounting major/minor, but not both.

†   In addition to completing lower and upper division coursework in all areas of business, each student typically selects a business major before or during the first semester of the junior year. Required credits vary between 15-21 credits and are determined by the appropriate department. To broaden their expertise, students may complete more than one major in business, or a major and a minor in business. However, where courses overlap between two business majors, the course may be counted only once and credited to one functional area, i.e. Sports Marketing may be used in either the Marketing major or the Sports Business major but not both.

‡   Electives may be selected from any area of study within the University, giving the student the opportunity to diversify his/her background.

Continuation Standards

Information Technology Management students must maintain a 2.00 cumulative GPA in all coursesused to fulfill the major.

Students will be on program probation if the GPA in major courses used to fulfill major requirements falls below a 2.00. Students will have one semester to increase their major or minor cumulative GPA to a 2.00; if not, students will not be allowed to register for 3000 or 4000 level major courses.

Students whose cumulative grade point average falls below 2.00 are required to apply for probationary status, which allows for no more than two consecutive semesters to improve scholastically and to demonstrate the ability to make progress toward a degree.

During the probationary period, advisors help students achieve academic success by closely monitoring their academic performance. Students on probation may *not* register for more than 15 credits of coursework as defined by the terms of the probation.

The conditions under which a student is dismissed from the school include:

1. inability to eliminate probationary status within the two semesters subsequent to the assignment of probation *or*
2. a total grade point deficit of more than 15 points.

For more information, see section under University Academic Policies and Procedures.

Business Common Body of Knowledge (CBK)

Code	Title	Credits
ACCT 2200	Financial Accounting	3
ACCT 2220	Accounting for Decision Making	3
BIZ 1000/1001	Business Foundations	1
BIZ 1002	Business Foundations Excel Lab	0
BIZ 3000	Career Foundations	1
BIZ 4000	Business Capstone [1]	1
ECON 1900	Principles of Economics	3
ECON 3120	Intermediate Macroeconomics	3
ECON 3140	Intermediate Microeconomics	3
FIN 3010	Principles of Finance	3
IB 2000	Introduction to International Business	3
ITM 2000	Information Technology with Supply Chains	3
MGT 2000	Legal Environment of Business I	3
MGT 3000	Management Theory and Practice	3
MGT 4000	Strategic Management and Policy [1]	3
MKT 3000	Introduction to Marketing Management	3
OPM 2070	Introduction to Business Statistics	3
OPM 3050	Introduction to Management Science and Operations Management	3
Total Credits		45

[1]   All other Business CBK courses must be completed prior to taking BIZ 4000 Business Capstone (1 cr) and MGT 4000 Strategic Management and Policy (3 cr).

Arts and Sciences Core Requirements

Code	Title	Credits
ENGL 1900	Advanced Strategies Of Rhetoric and Research [2]	3
Select one of the following:		3
ENGL 2250	Conflict, Social Justice and Literature	
ENGL 2350	Faith, Doubt and Literature	
ENGL 2450	Nature, Ecology & Literature	
ENGL 2550	Gender, Identity & Literature	
ENGL 2650	Technology, Media & Literature	
ENGL 2750	Film, Culture and Literature	
ENGL 2850	Nation, Identity & Literature	
Foreign Language Literature		
Select one of the following: [3]		3
ENGL 4000	Business and Professional Writing (strongly recommended)	
English Literature		
Fine Arts (Art, Art History, Dance, Film Studies, Music, Theatre)		
CMM 1200	Public Speaking [2]	3
HIST 1110	Origins of the Modern World to 1500	3
or HIST 1120	Origins of the Modern World, 1500 to Present	
PSY 1010	General Psychology	3
Select two additional courses from the following:		6
African American Studies		
American Studies		
History		
Political Science		
Psychology		
Sociology		
Women's and Gender Studies		
MATH 1200	College Algebra [4]	3
MATH 1320	Survey of Calculus [2]	3
Natural Science course		3
One additional Math or Natural Science course [5]		3
PHIL 1050	Introduction to Philosophy: Self and Reality	3
PHIL 2050	Ethics	3
THEO 1000	Theological Foundations	3
THEO 2xxx	Theology course	3
Total Credits		48

[2]   Must be completed by the end of the sophomore year in order to enroll in business courses junior year. MATH 1510 Calculus I (4 cr) or higher-level calculus course may be substituted for MATH 1320 Survey of Calculus (3 cr).

[3]   Upper division foreign language may be substituted; however, students for whom English is a second language may not complete this requirement in their native language.

[4]   Students who place out of MATH 1200 College Algebra (0,3 cr) (based on a Math Index score) must replace it with another approved math course.

[5]   MATH course must be approved.

Graduation Requirements

To be certified for graduation, a student must complete all course requirements and meet all of the following conditions:

- apply to graduate;
- earn a minimum 2.00 cumulative GPA in all SLU coursework; Accounting students must earn a minimum 2.70 cumulative grade point average (GPA) in all SLU coursework and earn grades of "C" or higher in all courses that fulfill the major requirements; for all other majors, students must earn a minimum 2.00 cumulative GPA in all major courses that fulfill the major requirements;
- earn a minimum 2.00 cumulative GPA in all business coursework taken at Saint Louis University;
- complete the Arts and Sciences core as specified in the business school curriculum;
- complete 30 of the final 36 credits at the St. Louis campus or an approved Study Abroad program;*
- complete at least 50% of business coursework in residence at the St. Louis campus;*
- complete major course requirements in residence at the St. Louis campus;*
- Students transferring from the Madrid campus must complete a minimum of 40 credits of coursework, including a minimum of 30 credits of business coursework in residence at the St. Louis campus.*

*   Students may pursue the International Business or Economics majors at the St. Louis campus and/or at the Madrid campus. The residency requirement then applies to courses taken at either campus.

Roadmap

Roadmaps are recommended semester-by-semester plans of study for programs and assume full-time enrollment unless otherwise noted.

Courses and milestones designated as critical (marked with !) must be completed in the semester listed to ensure a timely graduation. Transfer credit may change the roadmap.

This roadmap should not be used in the place of regular academic advising appointments. All students are encouraged to meet with their advisor/mentor each semester. Requirements, course availability and sequencing are subject to change.

Course	Title	Credits
Year One		
Fall		
MATH 1200	College Algebra	3
BIZ 1000/1002	Business Foundations	1
ENGL 1900	Advanced Strategies Of Rhetoric and Research [1]	3
Arts & Sciences Core [2]		3
Arts & Sciences Core [2]		3
Arts & Sciences Core [2]		3
	Credits	16
Spring		
MATH 1320 or MATH 1510	Survey of Calculus [1] or Calculus I	3
ECON 1900	Principles of Economics	3
OPM 2070	Introduction to Business Statistics	3
CMM 1200	Public Speaking [1]	3
Arts & Sciences Core [2]		3
	Credits	15
Year Two		
Fall		
ACCT 2200	Financial Accounting	3
ITM 2000	Information Technology with Supply Chains	3
IB 2000	Introduction to International Business	3
Arts & Sciences Core [2]		3
Arts & Sciences Core [2]		3
	Credits	15
Spring		
Major: ITM Elective [3]		3
ACCT 2220	Accounting for Decision Making	3
BIZ 3000	Career Foundations [4]	1
ECON 3120 or ECON 3140	Intermediate Macroeconomics or Intermediate Microeconomics	3
MGT 2000	Legal Environment of Business I	3
Arts & Sciences Core [2]		3
	Credits	16

Course	Title	Credits
Year Three		
Fall		
ITM 3300	Database Management Systems (Major)	3
ECON 3120 or ECON 3140	Intermediate Macroeconomics or Intermediate Microeconomics	3
FIN 3010	Principles of Finance	3
MKT 3000	Introduction to Marketing Management	3
Arts & Sciences Core [2]		3
	Credits	15
Spring		
ITM 4100	Systems Analysis & Design (Major)	3
Major: ITM Elective [3]		3
OPM 3050	Introduction to Management Science and Operations Management	3
Arts & Sciences Core [2]		3
Arts & Sciences Core [2]		3
	Credits	15
Year Four		
Fall		
ITM 3100	Enterprise Applications Development (Major)	3
MGT 3000	Management Theory and Practice	3
Arts & Sciences Core [2]		3
Arts & Sciences Core [2]		3
Elective		3
	Credits	15
Spring		
Major: ITM Elective [3]		3
MGT 4000	Strategic Management and Policy [5]	3
BIZ 4000	Business Capstone [5]	1
Elective		3
Elective		3
	Credits	13
	Total Credits	120

[1]   Must have completed by end of sophomore year

[2]   See list of A&S core required for business students

[3]   See list of ITM electives

[4]   Must take 2nd semester sophomore year unless studying abroad

[5]   Must have completed all other Business Common Body of Knowledge courses