
Information Technology Management (major)

Department of Business and Economics: Kenneth J. Bates, chair. Paul D. Young, Associate Dean

Faculty: Kenneth J. Bates, Robert A. Black, Richard A. Halberg, Wei Hu, Daniel C. Minchen, Lois A. Ross

Web site: www.houghton.edu/academics/programs/business/major_itm2.htm

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Major (BS): 65 hours in the major (23 in the business core; 36 in the IT core; 6 in co-requisites)

General Information

Information and the technology that puts it within reach are strategically significant resources in today's organization. When they are properly managed they can provide the organization with a distinct competitive advantage.

Recognizing both the value of these resources and the knowledge, skills, and understanding needed by the entry-level manager in this field, our program in information technology management (ITM) is designed to prepare graduates to meet this need.

Accordingly, the principal objective of the ITM program is two-fold:

- To develop the skill set necessary to analyze, design, and evaluate an organization's information technology systems, and
- To familiarize students with the leadership skills necessary to leverage the full potential of information technology and services in support of the organization's mission.

To this end, courses in the program present technical, economic, and behavioral dimensions of technology based information systems whose purpose is to support a firm's information and decision infrastructure. Throughout the program there is a great emphasis placed on "hands on" project related work using a variety of application development tools.

A significant difference the ITM program offers compared to most majors is that it is interdisciplinary in nature. It has been carefully crafted from existing courses in two departments, the Department of Business & Economics and the Department of Math and Computer Science. The curriculum for this program is the work of a broadly based team of faculty in both departments and a consulting group of six professionals in the field. The result is a program consisting of the six-course business core, ten courses in IT, and three requirements in the college's Integrated Studies.

Note: this is an interdisciplinary major equivalent to a double major.

Co-requisites:

BADM 45	Spreadsheet Competency	0
BADM 301	Business Communication.....	2
ECON 201	Intro to Economics	2
ECON 210	Principles of Microeconomics <i>or</i>	
ECON 211	Principles of Macroeconomics	2
	Co-Requisites total	6

Business Core

ACCT 212	Managerial Accounting.....	3
BADM 212	Principles of Management.....	4
BADM 213	Business Law I <i>or</i>	
BADM 214	Business Law II	4
BADM 218	Marketing Principles.....	4
BADM 309	Statistics.....	4
BADM 417	Senior Capstone: Business Strategy and Policy.....	4
	Business Core total	23

Information Technology

BADM 220	Advanced Computer Applications.....	4
CSCI 211	Programming I.....	4
CSCI 218	Programming II.....	4
CSCI 226	Computer Architecture.....	4
BADM 395	eCommerce.....	2
CSCI 236	Data Structures and Algorithms.....	4
BADM 317	Management Information Systems.....	4
CSCI 340	Databases.....	4
CSCI 420	Networking.....	4
BADM 421	Internship in Business	2
	Information Technology total	36

COURSE DESCRIPTIONS

See business administration and computer science sections.

Intercultural Studies (major and minor)

Department of Intercultural Studies: Marcus W. Dean, chair and Associate Dean

Faculty: Jonathan E. Arensen, Jan K. Buckwalter, Patrick L. Buckwalter, Marcus W. Dean, Richard K. Eckley, Andrew F. Gallman, Sherry W. Gallman, Benjamin L. Hegeman, Ndunge Kiiti, Eli Knapp, Don Little, Ronald J. Oakerson, Paul W. Shea

Web site: www.houghton.edu/academics/programs/intercultural

Phone: 585.567.9634

Major: 34-54 hours which includes a 26-30 hour core plus either six to eight hours of electives or one 16-20 hour concentration. The concentration options include: international development, Islamic Studies, linguistics, missions, urban studies, TESOL, Spanish, and French.

General Information

The mission of the Intercultural Studies major is to prepare Christians to respond to key problems of global concern in culturally relevant ways that follow kingdom principles. The major, drawing heavily on the methodologies and perspectives of anthropology and related social sciences, integrates the theory of cross-cultural development work with experiential learning in cross-cultural settings. This major will provide competence for students seeking to serve in such fields as community development, relief work, health services, education, missions, and Bible translation in developing countries, multi-cultural contexts in the US, and the inner-city context.

Concentrations are optional. If a concentration is not selected, students will need to choose two electives (see choices below).

Students interested in Education with an Intercultural concentration, please see the Education section of this catalog.

Major required courses – 8 Courses

INCL 201	Introduction to Global Issues	4
INCL 243	Cultural Anthropology.....	4
INCL 310	Intercultural Competencies.....	4
INCL 311	Intercultural Experience.....	0-4
	Conversation-level Language.....	0-4
INCL 346	Governance and Development <i>or</i>	
POLS 345	Community Organization & Development	4
INCL 350	Culture Change.....	4
INCL 482	Senior Capstone: Intercultural Seminar	2

Electives – 2 Courses

Any course listed in the concentrations or listed but not taken as part of the core.