College of Business
Department of Computer Science and Information Systems
MURRAY STATE UNIVERSITY

csis.murraystate.edu

CIS

2009-2011

Career Outlook

The Bureau of Labor Statistics (www.bls.gov) projects tremendous growth and high salaries for those seeking careers in computer-related industries. Seven of the top ten fastest growing occupations fall in this category and six of these require bachelor's degrees. Our graduates are successfully placed in a variety of managerial and technical positions in Information Systems, IT management, E-business, Systems Analysis, Project Management at small, medium and large businesses and/or non-profit organizations

Program Summary

The Area (minor not required) in Computer Information Systems program at Murray State University spans both the business and technology disciplines and prepares the students to be key players in a variety of corporate decision-making environments. Students may choose one of three options: Systems Analysis, Information Technology, or E-Business. This program provides a strong foundation in Business with an equally strong immersion in the technology that drives modern businesses. Our graduates are equipped to function as intermediaries between the technology in all its complexity and the user who needs the technology to operate efficiently. The breakdown of courses by discipline is as follows: Accounting (2), Economics (3), Finance (1), Law and ethics (2), Management (3), Marketing (1), Statistics (2), Computer Science (2), Information Systems (5), Telecommunications and Networking (1), Communication (2). Students earn a Bachelor of Science or Bachelor of Arts in **Business** (BSB or BAB) and are equipped for a variety of jobs in business and industry. The additional technology skills give our graduates a strong edge in the marketplace.

Resources

Our faculty is drawn from both academia and industry and is well-equipped to prepare students for careers that could span several decades. Due to the size of our upper division classes, our students and teachers get to know each other very well. They are easily accessible and have often gone out of their way to motivate and encourage the students. They are also nationally recognized for their research in a wide variety of areas from learning styles and knowledge management to robotics.

The department provides access to modern well-equipped computer laboratories with an extensive collection of state-of-the-art software and hardware to provide a rich and practical classroom experience.

Students in the CIS program earn a Business degree. They are qualified to work in any area of Business (Accounting, Finance, Management, Marketing etc.) with the bonus of having strong technical skills. CIS students, therefore, have to meet the College of Business Admission requirements. These requirements are listed in the catalog under the "Entrance Standards for Business Programs" and "Core Requirements" (see Chapter 5 of the Bulletin)

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Suggested Schedule for completing the Baccalaureate degree (**BSB**) in 4 years. The course titles and descriptions are available in the 2009-2011 Undergraduate Bulletin. Letters in parentheses indicate that the class is offered only that term – **F** for **F**all and **S** for **S**pring. Students may choose to go with either a **Technology** option or a **Business** option.

Business Option

	Fall	Hrs	Spring	Hrs
FR	BPA099	1	ART elective	3
	CSC199 + lab	3	CSC101	3
	COM161	3	HUM211	3
	ENG105	4	MAT220	3
	MAT140	4	SCIENCE elective	4
		15		16
SO	ACC200	3	ACC201	3
	BPA215	3	CIS243	2
	CIV201	3	CIS399 (S)	1
	CSC125	3	ECO231	3
	ECO230	3	LST240	3
			TSM133	3
		15		15
JR	CIS307	3	Business Elective[1]	3
	CIS343	2	CIS317	3
	CSC232	4	CIS407	3
	MGT350	3	FIN330	3
	MKT360	3	US Elective[1]	3
		15		15
SR	BPA442	3	CIS420 (S)	3
	CIS433 (F)	3	CIS545 (S)	3
	MGT443	3	ECO310	3
	TSM517 (F)	3	MGT590	3
	US Elective[1]	3	US Elective[1]	3
		15		15

Technology Option

	Fall	Hrs	Spring	Hrs
FR	BPA099	1	ART elective	3
	COM161	3	CSC101	3
	CSC199 + lab	3	HUM 211	3
	ENG105	4	MAT220	3
	MAT140	4	SCIENCE elective	4
		15		16
SO	ACC200	3	ACC201	3
	BPA215	3	CIS243	2
	CIV201	3	CIS399 (S)	1
	ECO230	3	ECO231	3
	US Elective[1]	3	LST240	3
			TSM133	3
		15		15
JR	CIS307	3	CIS317	3
	CIS343	2	CIS 325 (S)	3
	CSC232	4	CIS407	3
	MGT350	3	CSC332 (S)	3
	MKT360	3	US Elective[1]	3
		15		15
SR	BPA442	3	CIS420 (S)	3
	CIS425 (F)	3	ECO310	3
	CSC260 (F)	3	MGT443	3
	FIN330	3	MGT590	3
	Tech. Elective	3	US Elective[1]	3
		15		15

[1] Please seek guidance of your advisor or department chair (some may have to be planned a year in advance as they may be offered only once a year)