

The addition or removal of any graduation requirement in a major or minor requires that this form, accompanied by any supporting documentation, be completed and approved as indicated below.

College College of Business Department College of Business

Degree level Bachelors Program title Information Systems in Business (7567)

To be initiated with catalog year 2006 / 2007 Change requested for major program minor program

Brief description of requested changes (attach a more detailed description and any supporting documentation)

1. Remove CSE 1000, Introduction to Information Systems, replace with BUS 1601, Computer Applications for Business.
2. Remove MTH 2051, Discrete Mathematics, replace with CSE 1400, Applied Discrete Mathematics.
3. Move BUS 2703, Statistics for Business from Sophomore Fall semester to Sophomore Spring semester.

ALREADY DONE IN 05-06 *Price*

APPROVALS

On completion of appropriate department approvals, submit form to Chair, Graduate Council, or Chair, Undergraduate Curriculum Committee, for approval below and forward to the Office of the Registrar.

Judith Barlow 1/19/06
Originator Date Chair, Graduate Council Date

Department Head/ Major Program Chair Date OR

Department Head/ Minor Program Chair Date

Barbara Price 1/19/06
Dean or Associate Dean Date Chair, Undergraduate Curriculum Committee Date

Registrar's Use Only Operator Init _____ Date _____

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College of Business

Inter-Office Memorandum

TO: CoB Curriculum Committee

FROM: Judith Barlow *Judith Barlow*

DATE: December 15, 2005

SUBJECT Change of requirements for BS in Information Systems degree 7567

I propose that CSE1000 be removed from the Information Systems degree and replaced with BUS1601. I think this change is necessary because:

- While at a different level, course content of CSE1000 has overlap with BUS3504 and BUS3504 is required for all BUS undergraduate degrees including the IS degree.
- All undergraduate business majors take BUS1601 and IS majors will be at a disadvantage in subsequent BUS courses if they do not have proficiency in BUS1601 skills.
- The change will allow IS students to focus on their computer science skills during their first two years so that they can apply that expertise in BUS classes during their junior and senior years.
- The change will make it easier for IS students to earn a minor or double major in the CoB as well as make it easier for them to transition to MIS major.
- The Computer Science department does not have regular full-time faculty to teach CSE1000 and uses adjuncts or graduate students to teach CSE1000.

Second, I propose that we formally substitute CSE 1400 for MTH 2051 as previously proposed by the CS department and then swap CSE 1400 from sophomore spring semester with BUS 2703 in sophomore fall semester. This switch is made so that CSE 1400 occurs one semester prior to taking CSE 2010 which requires CSE 1400 as a pre-requisite (CSE to make change from co-req to pre-req in catalog).

I would be happy to join you when this plan is presented to the Undergraduate Curriculum Committee.

Thanks for your consideration.

Florida Tech College of Business

BS Information Systems in Business (124 hrs)

Flow Chart (7567)

Name _____ ID# _____

FRESHMAN YEAR - Fall					
Course	Course Title	Grade	Credits	Semester	Substitute
COM 1101	Composition and Rhetoric		3		
BUS 1601	Computer Apps for Business		3		
MTM 1701	College Algebra		3		
PSY ----	Restricted Elective (PSY) ¹		3		
XXX ----	Restricted Elective (Science) ¹		3		

Spring					
Course	Course Title	Grade	Credits	Semester	Substitute
BUS 2304	Microeconomics		3		
COM 1102	Writing About Literature		3		
CSE 1001	Fundamentals of Software Dev 1		4		
MTM 1702	Applied Calculus		3		
XXX ----	Restricted Elective (Science) ¹		3		

EXTRA: _____

SOPHOMORE YEAR - Fall					
Course	Course Title	Grade	Credits	Semester	Substitute
BUS 2211	Intro to Financial Accounting		3		
BUS 2403	Macroeconomics		3		
CSE 1400	Applied Discrete Mathematics		3		
COM 2501	Introduction to Visual Communication		3		
CSE 1002	Fundamentals of Software Dev 2		4		
COM 2012	Research Sources & Systems		1		

Comments: _____

JUNIOR YEAR - Fall					
Course	Course Title	Grade	Credits	Semester	Substitute
BUS 3401	Corporate Finance		3		
BUS 3501	Management Principles		3		
COM 3440	Public Relations		3		
CSE 3030	Legal, Ethical, Social Issues in Comp.		3		
HUM 2051	Civilization 1		3		

Spring					
Course	Course Title	Grade	Credits	Semester	Substitute
BUS 3504	Mgt Information Systems		3		
BUS 3704	Quantitative Methods		3		
BUS 3601	Marketing Principles		3		
BUS 3512	Syst Design & Development for Business		3		
HUM 2052	Civilization 2		3		

EXTRA: _____

SENIOR YEAR - Fall					
Course	Course Title	Grade	Credits	Semester	Substitute
BUS 4501	Production & Operations Mgt		3		
BUS 4502	Organizational Behavior		3		
COM 3070	Professional Communication for Execs		3		
COM 4026	Publishing and the Internet		3		
CSE 4020	Database Systems		3		
BUS 4783	Practicum Planning		0		

Comments: _____

* CORRESPONDS TO LIST ON REVERSE

Total credits required **124**

Faculty Adviser _____ Signature _____ Date _____

Associate Dean _____ Signature _____ Date _____

Business and Environmental Studies

This program emphasizes the application of economics to issues associated with the environment and the use of natural resources. It familiarizes students with both analytical and decision-making techniques used in assessing environmental concerns and the use of natural resources, and develops a balanced perspective on business and the environment.

Freshman Year

FALL		CREDITS
BUS 1601	Computer Applications for Business	3
COM 1101	Composition and Rhetoric	3
MTH 1701	College Algebra	3
ENS 1001	The Whole Earth Course	3
	Restricted Elective (Psychology)	3
		15

SPRING

BUS 2304	Microeconomics	3
COM 1102	Writing about Literature	3
COM 2370	Speech	3
MTH 1702	Applied Calculus	3
OCN 1010	Oceanography	3
		15

Sophomore Year

FALL		CREDITS
BIO 1010	Biological Discovery 1	4
BUS 2211	Introduction to Financial Accounting	3
BUS 2303	Macroeconomics	3
CHM 1101	General Chemistry	4
		14

SPRING

BIO 1020	Biological Discovery 2	4
BUS 2212	Introduction to Managerial Accounting	3
CHM 1102	General Chemistry 2	4
COM 2224	Business and Professional Writing	3
	Free Elective	3
		17

Junior Year

FALL		CREDITS
BUS 2601	Legal and Social Environments of Business	3
BUS 2703	Statistics for Business	3
BUS 3501	Management Principles	3
ENS 3101	Atmospheric Environments	3
OCN 2602	Environmental Geology	3
		15

SPRING

BUS 3504	Management Information Systems	3
BUS 3601	Marketing Principles	3
BUS 3704	Quantitative Methods	3
ENS 4010	Geographic Information Systems	3
HUM 2051	Civilization 1	3
		15

Senior Year

FALL		CREDITS
BUS 3401	Corporate Finance	3
BUS 4425	Environmental and Urban Planning	3
BUS 4426	Environmental and Resource Economics	3
BUS 4501	Production and Operations Management	3
BUS 4502	Organizational Behavior and Theory	3
BUS 4783	Practicum Planning	0
HUM 2052	Civilization 2	3
		18

SPRING

BUS 4702	Business Strategy and Policy	3
BUS 4784	Business Practicum	3
	Restricted Electives (Environmental Science)	6
	Restricted Elective (Humanities)	3
		15

TOTAL CREDITS REQUIRED 124

Information Systems in Business

The information systems in business program offers an interdisciplinary approach that bridges information systems, computing, business and communication disciplines. The integration of information systems, computing technology, business and communication provide a solid foundation for effective management of today's complex systems. The study of information systems in business emphasizes strategic, managerial, operational and technical aspects of systems using appropriate decision tools, methods and technologies. Verbal and nonverbal communication modes are incorporated into the problem-solving process to promote the use of different information technologies, including multimedia, Web and distributed environments.

Candidates for the B.S. in Information Systems must complete the minimum course requirement as outlined in the following curriculum. Applicants interested in obtaining the Bachelor of Science degree in Computer Science with an information systems option should refer to the appropriate section of this catalog.

Freshman Year

FALL		CREDITS
COM 1101	Composition and Rhetoric	3
CSE 1000	Introduction to Information Systems	3
MTH 1701	College Algebra	3
	Restricted Elective (Psychology)	3
	Restricted Elective (Science)	3
		15

SPRING

BUS 2304	Microeconomics	3
COM 1102	Writing about Literature	3
CSE 1001	Fundamentals of Software Development 1	4
MTH 1702	Applied Calculus	3
	Restricted Elective (Science)	3
		16

Sophomore Year

FALL		CREDITS
BUS 2211	Introduction to Financial Accounting	3
BUS 2303	Macroeconomics	3
BUS 2703	Statistics for Business	3
COM 2012	Research Sources and Systems	1
COM 2501	Introduction to Visual Communication	3
CSE 1002	Fundamentals of Software Development 2	4
		17

SPRING

BUS 2212	Introduction to Managerial Accounting	3
BUS 2601	Legal and Social Environments of Business	3
COM 2224	Business and Professional Writing	3
CSE 1400	Applied Discrete Mathematics	3
CSE 2010	Algorithms and Data Structures	4
		16

Junior Year

FALL		CREDITS
BUS 3401	Corporate Finance	3
BUS 3501	Management Principles	3
COM 3440	Public Relations	3
CSE 3030	Legal, Ethical and Social Issues in Computing	3
HUM 2051	Civilization 1	3
		15

SPRING

BUS 3504	Management Information Systems	3
BUS 3601	Marketing Principles	3
BUS 3704	Quantitative Methods	3
CSE 4020	Database Systems	3
HUM 2052	Civilization 2	3
		15

Senior Year

FALL
BUS 3512
BUS 4501
BUS 4502
BUS 4783
COM 3070
COM 4026

SPRING
BUS 4582
BUS 4702
BUS 4784
COM 4424

Manage

The man opportunity wide variation significant capabilities. Informative to communicate

Candidate System's administrative

Junior Year

FALL
BUS 350
BUS 350

SPRING
BUS 360
COM 400

BUS 370

Senior

FALL
BUS 450
BUS 450

BUS 450

BUS 470

SPRING
BUS 350
BUS 450

BUS 450

BUS 470

BUS 470