



**MONTANA STATE UNIVERSITY-BILLINGS
BACHELOR OF SCIENCE IN BUSINESS ADMINISTRATION
INFORMATION SYSTEMS OPTION
GENERAL BULLETIN 2003-2005**

Access & Excellence

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Name _____

Student ID # _____

GENERAL EDUCATION REQUIREMENTS – SEE PAGE 4 FOR SPECIFIC COURSES

General Education Category	Course #	Credits	Grade	Semester	Equivalent
Category I: Writing (6 cr.)	*ENGL 150	3			
	ENGL 301				
Category II: Oral Skills (3 cr.)					
Category III: Mathematics (3 cr.)	*MATH 121 or 112				
Category IV: Natural Sciences (7 cr.) (1 life science/1 physical science/1 lab)					
Category V: Social Sciences (6 cr.) (2 courses from separate prefixes)	*ECON 200				
Category VI: History (3 cr.)					
Category VII: Cultural Diversity (3 cr.)					
Category VIII: Fine Arts (3 cr.)					
Category IX: Integrated Humanities (3 cr.)					

**Business majors must pass all "*" courses with a grade of "C" or better prior to taking 300 and 400 level Business courses. Students must complete all courses required for a Business major with a "C" or better grade.*

Students should consult with their advisors to determine if specific courses are necessary in order to satisfy the General Education requirements within this program.

Certain courses in this program have prerequisites; students should check the course descriptions for required prerequisites.

CATEGORY I: WRITING			6
ENGL 150	College Composition		3
ENGL 210	Technical Writing		3
ENGL 226	Research Writing		3
ENGL 301	Business Communications		3
CTCM 202	Business Communication		3
CTCM 203	Technical Communication		3
CATEGORY II: ORAL SKILLS			3
COMT 101	Fundamentals of Communication		3
COMT 110	Interpersonal Communication		3
COMT 130	Introduction to Public Speaking		3
FREN 202	Intermediate French II		3
GERM 202	Intermediate German II		3
SPAN 202	Intermediate Spanish II		3
CTCM 109	Human Relations		3
CTCM 130	Introduction to Public Speaking		3
CATEGORY III: MATHEMATICS			3
FIN 201, 202, 203	Personal Financial Planning...		3
MATH 106	College Algebra		3
MATH 107	Precalculus		5
MATH 112	Calculus I		4
MATH 121	Finite Mathematics		4
MATH 141	Contemporary Mathematics		3
MATH 161	Mathematics for Health Sciences		4
STAT 141	Introduction to Statistics		3
STAT 241	Statistical Methods		4
CTCM 122	College Mathematics for Technology		3
CATEGORY IV: NATURAL SCIENCE			7
<i>Students are required to take one course from each subcategory and at least one corresponding lab or SCIN 101, 102 & 103</i>			
<i>Subcategory A – Life Sciences</i>			
BIOL 101	Survey of Biology		3
BIOL 115	Survey of Biology Lab		1
BIOL 178	Principles of Biology		3
BIOL 188	Principles of Biology Lab		1
<i>Subcategory B – Physical Sciences</i>			
CHEM 104	Fund of General & Organic Chemistry		3
CHEM 105	Fund of General & Organic Chem Lab		1
CHEM 115	General Chemistry I		3
CHEM 118	General Chemistry I Lab		1
EASC 100	Lithosphere and Hydrosphere		3
EASC 101	Lithosphere and Hydrosphere Lab		1
EASC 120	Historical Geology & Paleontology		3
EASC 121	Historical Geology & Paleontology Lab		1
GEOG 100	Physical Geography Lab		1
GEOG 101	Physical Geography		3
PHYS 101	Earth, Air, Fire and Water		3
PHYS 102	Earth, Air, Fire and Water Lab		1
PHYS 110	College Physics I		3
PHYS 111	College Physics I Lab		1
PHYS 201	Introduction to Astronomy		3
PHYS 203	Introduction to Astronomy Lab		1
SCIN 101, 102, 103	Integrated Science I, II, III		3, 1, 3
CATEGORY V: SOCIAL SCIENCE			6
<i>Two courses from separate prefixes</i>			
BUS 101	Introduction to Business		3
ECON 200	Principles of Microeconomics		3
ECON 201	Principles of Macroeconomics		3
EDF 100	Educ Persons for a Democratic Society		3
POLS 101	Introduction to Government		3
POLS 212	United States Government		3
PSYC 101	General Psychology		3
SOCL 101	Introduction to Sociology		3
SOCL 212	Physical Anthropology & Archeology		3
SOCL 221	Social Problems		3

CATEGORY VI: HISTORY			3
HIST 104	History of World Civilization to 1500		3
HIST 105	History of World Civilization Since 1500		3
HIST 106	Honors: History of Western Civ to 1648		3
HIST 107	Honors: History of Western Civ since 1648		3
HIST 109	Current World Problems		3
HIST 204	United States History to 1877		3
HIST 205	United States History Since 1877		3
POLS 221	International Relations		3

CATEGORY VII: CULTURAL DIVERSITY			3
ART 131	Global Visual Culture		3
A&SC/SOCL 250	Women, Culture and Society		3
GEOG 102	World Geography		3
GEOG 120	Environment and Culture		3
HIST 351	History of Islamic Civilization		3
HIST 353	The Middle East in the Twentieth Century		3
MUSC 150	Musics of the World		3
NAMS 181	Introduction to Native American Studies		3
NAMS 211	Social Issues of the Native American		3
PHIL 105	The Religious Quest		3
PHIL 233	Phil & Religions of India		3
PHIL 234	Phil & Religions of China, Tibet & Japan		3
SOCL 211	Cultural Anthropology		3
SPAN 150	The Hispanic Tradition		3

CATEGORY VIII: FINE ARTS			3
ART 110	Art Studio Essentials for Non-Art Majors		3
ART 142	Introduction to Pottery		3
ART 161	Introduction to Drawing		3
COMT 150	Introduction to Theater		3
COMT 155	Global Cinema		3
COMT 250	Introduction to Acting		3
ENGL 160	Reading and Responding to Literature		3
ENGL 204	Fundamentals of Creative Writing		3
ENGL 280	Fiction into Film		3
MUSC 100	Music Appreciation		3
MUSC 160/360	Symphonic Band		1
MUSC 162/362	Concert Choir		1
MUSC 168/368	Jazz Ensemble		1
PHIL 303	Classical Mythology		3
CTDR 248	CAD Presentations		3

CATEGORY IX: INTEGRATED HUMANITIES			3
ART 132	Art History Survey		3
ENGL 260	World Foundations of Literature		3
HON 181	The Ancient and Medieval Worlds		3
HON 182	The Renaissance and Modern Worlds		3
MUSC 340	Music History to 1750		3
MUSC 341	Music History 1750 to the Present		3
PHIL 107	Philosophical Inquiry		3
PHIL 115	Ethics		3
PHIL 117	Philosophies of Life		3
PHIL/ENGL 240	The Bible as Literature		3
PHIL 250	Christianity		3
PHIL 301	Death, Dying, and Medical Ethics		3
PHIL 311	Environmental Ethics		3
PHIL 314	Business Ethics		3

		Course	Credits	Grade	Semester	Equivalent
Required Core						
*ACCT	233	Principles of Accounting I	3			
*ACCT	234	Principles of Accounting II	3			
BUS	205	Business Law	3			
BUS	315	Applied Business Decisions	3			
*ECON	201	Principles of Macroeconomics	3			
FIN	351	Principles of Financial Management	3			
*MIS	225	Introduction to Productivity Application Software	3			
MGMT	321	Principles of Management	3			
MGMT	322	Operations Management	3			
MGMT	488	Business Strategy	3			
MKT	340	Principles of Marketing	3			
*STAT	241	Statistical Methods	3			

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Option in Information Systems

MIS	244	Operating Systems, Algorithms, Data Structures and Hardware	3			
MIS	245	Introduction to Programming	3			
MIS	252	Microcomputer Database	3			
MIS	330	Principles of Management Information Systems	3			
MIS	355	Objected Oriented Programming	3			
MIS	365	Database Management	3			
MIS	410	Systems Analysis and Design	3			

Restricted Electives

Select three courses from the following:

MIS	310	Web Design, Development and Implementation	3			
MIS	350	Cobol Programming	3			
MIS	372	Advanced Database Programming	3			
MIS	424	Information Resource Management	3			
MIS	472	Business Geographic Information Systems	3			
MIS	480	Applied Systems Development	3			
MIS	482	Advanced Visual Basic	3			
MIS	491	Independent Study	3			
MIS	492	Seminar (limit 2-6 credits)	3			
BUS	490	Internship	3			

