

Students who wish to request enrollment in a full INFO class must do so with the Department of Information & Operations Management. Refer to <<http://infoadvising.tamu.edu>>. *The UPO does not handle wait-list requests.*

Advising Document Only. Catalog changes & course decisions should be based on consultation with an advisor.

## Management Information Systems (MIS) Foundation Courses & Elective List Department of Information & Operations Management

Catalog 200931 (132) 2009 – 2010

Department Advisor: Ms. Della Whitcomb 330C Wehner [dwhitcomb@mays.tamu.edu](mailto:dwhitcomb@mays.tamu.edu)  
<[mays.tamu.edu/info](http://mays.tamu.edu/info)>

### FOUNDATION COURSES:

INFO 250 Business Programming Logic & Design *Prerequisite: INFO 210*  
INFO 306 Data Communications & Network-Based Systems *Prerequisite: INFO 210*  
INFO 328 Database Management Systems *Prerequisite: INFO 250*  
INFO 330 Business Systems Analysis & Design *Prerequisite: INFO 328 or concurrent enrollment*  
INFO 439 Management of Information Systems *Prerequisite: U4 in business or approval of instructor*  
INFO 477 Large-Scale Info Systems Project *Prerequisites: INFO 330, U4 or approval of instructor*

**DIRECTED ELECTIVES:** *Select 3 courses for a total of 9 credit hours. Check with the MIS advisor each semester prior to selecting courses. A maximum of 6 hours of INFO 485, 489 or BUSN 401 may be applied to the INFO-MIS degree plan with prior approval from the department academic advisor.*

INFO 322 Business Object Oriented Programming with Java *Prerequisite: INFO 250*  
INFO 340 Supply Chain Management *Co-requisite: INFO 364*  
INFO 374 Business Information Security and Risk Management *Prerequisite: INFO 306, INFO 328*  
INFO 420 Web Enabled Applications *Prerequisites: INFO 328, U4*  
INFO 422 Complex Business Application Design *Prerequisites: INFO 250, U4*  
INFO 432 Software Quality & Measurement in Info Systems *Prerequisites: INFO 429, U4 in business*  
INFO 437 Knowledge Management *Prerequisites: INFO 303, INFO 429, U4 in business*  
INFO 446 E-Services *Prerequisite: U4 in business or approval of instructor*  
INFO 465 Info Tech for Supply Chain Mgmt *Prerequisite: INFO majors only or approval of instructor*  
INFO 468 Enterprise Resource Planning *Prerequisite: INFO 364*  
INFO 485 Directed Studies *Prerequisite: Admission to upper level and approval of instructor*  
INFO 489 Special Topics in... *Prerequisite: Admission to upper level and approval of instructor*

**GENERAL ELECTIVE:** *Choose 2 or more courses for 5 hours credit.*

*Students are strongly encouraged to participate in a Co-op or Internship position. For Co-op information, contact the Experiential Education office in the Career Center. For internships, make use of the Career Center, the Career Fair, and other departmental resources such as CMIS and the AITP student organization (available on the INFO advising Web page) to find a participating company.*

### **COURSE AND CLASSIFICATION PREREQUISITES WILL BE ENFORCED**

This information is also available on the advising Web site at <http://infoadvising.tamu.edu>. MIS majors are advised to subscribe to the department advising listserv. To subscribe, select the *INFO Student Services Communications* portal from the course index in Mays Portal.

Revised 06/09

# MANAGEMENT INFORMATION SYSTEMS (MIS)

Catalog 200931 (132) 2009 – 2010

120 Credit Hours Required

**UPPER LEVEL BUSINESS MAJORS CHECK THEIR DEGREE AUDIT USING MyRecord THROUGH HOWDY <howdy.tamu.edu>.**

FRESHMAN YEAR: FALL	HRS
ENGL 104** (1*)	3
MATH 141*** (2*)	3
HIST 105 (3,4*)	3
NATURAL SCIENCE (5*)	4
PSYC 107 (7*)	3
	16

FRESHMAN YEAR: SPRING	HRS
HUMANITIES ELECTIVE (10*)	3
MATH 142*** (2*)	3
HIST 106 (3,4*)	3
NATURAL SCIENCE (5*)	4
KINE 198 – HEALTH & FITNESS (6*)	1
	14

SUMMER I	HRS

SOPHOMORE YEAR: FALL	HRS
ACCT 229*** (CBK)	3
ECON 202*** (CBK)	3
INFO 210*** (CBK)	3
BUSN 205 – 9XX (12*) (CBK)	3
POLS 206 (4*)	3
	15

SOPHOMORE YEAR: SPRING	HRS
ACCT 230*** (CBK)	3
ECON 203*** (CBK)	3
INFO 250	3
MGMT 211*** (CBK)	3
POLS 207 (4*)	3
KINE 199 (6*) – Must be taken S/U	1
	16

SUMMER II	HRS

JUNIOR YEAR: FALL	HRS
INFO 303 (CBK)	3
INFO 306	3
INFO 328	3
INFO 364 (CBK)	3
COMM 203 or 205 or 243	3
	15

JUNIOR YEAR: SPRING	HRS
INFO 330	3
INFO-MIS DIRECTED ELECTIVE (15*)	3
MGMT 363 (CBK)	3
MKTG 321 (CBK)	3
VISUAL & PERF. ARTS ELECT. (8*)	3
	15

SUMMER III	HRS

SENIOR YEAR: FALL	HRS
FINC 341 (CBK)	3
INFO-MIS DIRECTED ELECTIVE (15*)	3
INFO-MIS DIRECTED ELECTIVE (15*)	3
INTERNATIONAL ELECTIVE (9*)	3
GENERAL ELECTIVE (11*)	3
	15

SENIOR YEAR: SPRING	HRS
INFO 439 – 9XX (12*)	3
INFO 477	3
MGMT 466 (CBK)	3
INTERNATIONAL ELECTIVE (9*)	3
GENERAL ELECTIVE (11*)	2
	14

SUMMER IV	HRS

\* Number refers to footnote number. Footnotes can be found on page 33.  
 \*\* English 104 must be completed by the end of the Sophomore year or it cannot be taken at Texas A&M.  
 \*\*\* These 8 core classes must be successfully completed before entering Upper Level.  
 Students must be in Upper Level to take shaded courses.

## FOOTNOTES FOR ALL CURRICULA

1. English 104 is a core curriculum requirement. Enrollment is restricted to students with freshman or sophomore classification (transfer hours included).
2. MATH 131, 151, or 171 will be accepted in lieu of MATH 142. MATH 152, 166, or 172 will be accepted in lieu of MATH 141.
3. To be selected from the list of *American History Electives*, limited to 3 hours of Texas History (page 34). Most business students take HIST 105 and HIST 106.
4. For those students under ROTC contract, see section on "Requirement in Political Science (Government) and History" in the *Undergraduate Catalog*.
5. Choose from the list of *Natural Science Electives* (page 35).
6. Kinesiology requirements are to be fulfilled by completing one KINE 198 Health and Fitness and one KINE 199 course. KINE 199 MUST be taken S/U. KINE 198 may be taken graded or S/U. Transfer students with fewer than 2 hours KINE must meet the KINE 198 requirement either by transfer of credit or by taking the course at Texas A&M.
7. *Behavioral Science Elective* to be selected from a specific list of courses in Anthropology, Psychology, Sociology and Women's Studies (page 34). Students majoring in Management or Marketing must take PSYC 107.
8. Choose from the list of *Visual and Performing Arts Electives* (page 38-39).
9. To be selected from the list of *International Electives* for business students (page 40-42). Six hours required. Management majors must take MGMT 450 as three of these required international elective credit hours. Agribusiness majors should go to 331 Blocker for a complete list of approved international electives.
10. Choose from the list of *Humanities Electives* (pages 36-38).
11. *General Electives* are any courses offered for university credit. Students may register for elective courses on a graded or pass/fail basis (S/U). See page 12 for S/U grading information. Students whose high school transcript does not satisfy Texas A&M University's *Foreign Language Graduation Requirement* MUST complete a two-semester sequence of a foreign language. These credits earned will count toward the general elective requirement.
12. Effective in Catalog 200731 (130), business students must take two (2) specific writing-designated (W) courses in their major. This course is an approved W course in the major.
13. Any 300- or 400-level Accounting course except ACCT 315, 316, 327, or 328. Before enrolling in ACCT 489, students should check with an advisor in the Accounting Department.
14. Any Finance course except FINC 201, 267, 409, 478, and 484.
15. MIS and Supply Chain Management majors select their directed electives from the lists located in the Undergraduate Program Office, 238 Wehner. Students who wish to use courses that are not listed must obtain prior approval from the department academic advisor.
16. Choose from any MGMT course except required MGMT courses and MGMT 105, 209, 309.
17. Any 300-or 400-level business course (ACCT, FINC, IBUS, INFO, MKTG) except MGMT 300-499; ACCT 484-485; FINC 341, 409, 484-485; IBUS 450, 452, 457, 484-485; INFO 303, 305, 309, 364, 484-485; MKTG 321, 409, 484-485.
18. Choose from any MKTG course except required MKTG courses and MKTG 409.
19. Any 300-or 400-level business course (ACCT, IBUS, INFO, FINC, MGMT) except MKTG 300-499; FINC 341, 409; INFO 303, 309, 364, MGMT 309, 363, 466.
20. Three hours of technical agriculture electives to be selected from any course offered by the College of Ag & Life Science except 285, 484, 485, and AGEC courses.
21. Communication elective to be selected from AGJR 404, ENGL 203, 235, 236, 301, COMM 205 or 243.
22. Any Texas A&M or transfer course, except KINE 199, not used to meet other degree requirements.
23. BHNR majors are required to take 6 of the following 10 courses as Honors: ACCT 229, 230; BUSN 205; FINC 341; INFO 210, 303, 364; MGMT 211, 363; MKTG 321.
24. Any 300-or 400-level business course (ACCT, FINC, IBUS, INFO, MGMT, MKTG) except FINC 341, 409; INFO 303, 309, 364; MGMT 309, 363, 466; MKTG 321, 409. *At least one of these courses must be writing-designated (W)*. Select in consultation with an Academic Advisor.

Updated 06/09