

# Department of Information and Decision Management

**Dr. Amjad Abdullat**, department head  
Old Fine Arts Building, Room 223A  
WTAMU Box 60268  
(806)651-2444 • Fax (806)651-2969  
aabdullat@wtamu.edu • www.cis.wtamu.edu

Faculty: Abdullat, Babb, Furner, Jafar, Keith, Kelley, Landram, Shao.

The mission of the Department of Information and Decision Management (IDM) is to offer its students rigorous and relevant programs that will prepare them for leadership roles in the fields of business computing, information technology and decision support. The IDM faculty balances teaching and applied research, resulting in academic offerings that provide students with a relevant education and an appropriate blend between theory and practice. The department strives to create learning-centered environments that foster the acquisition of essential skills that promote an interest for personal and professional growth in its students.

The Department of Information and Decision Management offers course work in information systems, business quantitative methods and decision supports. IDM programs provide a strong foundation in business fundamentals and strategies, and managerial issues related to information technologies. Special interest is given to emerging technologies and their role as facilitators of strategic advantage in the marketplace. The department offers degree programs at the undergraduate (B.B.A.) and graduate (M.B.A.) levels. The department offers students comprehensive education in various dimensions of information and decision management, including database management, systems analysis and modeling, data communications and networking, web-based applications development, data warehousing, security and visualization. IDM majors differ from computer science majors in emphasizing applications of computer systems over their development and analysis. The applications are focused on complex business needs in enterprises.

The department's hi-tech, hi-touch learning environment provides a rich experience not easily duplicated, electronically linking students with computing resources. Students are able to have access to the department's computing resources any time and from any where. The department's faculty has a rich blend of teaching, research and industry expertise, providing students with the conceptual and practical knowledge necessary to pursue a successful career in information systems development and/or management. The IDM department is equipped with current technologies in its computer laboratories, which are combined with classrooms.

## University Core Curriculum Requirements

Refer to the "University Core Curriculum" section of this catalog.

Discipline	Course Prefix
Information and Decision Management.....	IDM
NOTE: See the "Academic Courses and Abbreviations" and "Course Descriptions" sections of this catalog for a complete list of courses offered by the University.	

# Department of Information and Decision Management

## Bachelor of Business Administration (B.B.A.) Degree

### Major in Computer Information Systems

(Major Code: 308)

#### University Core Curriculum Requirements

Refer to the "University Core Curriculum" section of this catalog. For all bachelor of business administration degree requirements, students must take ECON 2301, MATH 1324 or SCOM 1321.

#### B.B.A. Degree Requirements

The B.B.A. degree in Computer Information Systems has two distinct concentrations: traditional computer information systems (CIS) and decision management. The focus of the computer information systems concentration is on integrating information technology solutions and business processes to meet the information needs of businesses and other enterprises, enabling them to achieve their objectives in an effective and efficient way. The computer information systems concentration provides students a solid theoretical background in requirements analysis, business software development, design, database design, data mining, visualization, networking and web-based applications development.

The decision management concentration focuses on the essential concepts, paradigms and tools to successfully manage work processes and people in a wide spectrum of business enterprises. It prepares students for managing critical operations issues such as resource planning, quality management and assurance, productivity, business process flow improvement, data analysis, data mining, project management, systems integration, inventory planning, supply chain management, system thinking and decision support systems.

#### Computer Information Systems Requirements

- IDM 1315, 2390 and 3350
- 12 hours from IDM 2315, 3312, 4360, 4390.
- Nine hours from IDM 3372, 3382, 3385, 3390, 4398, 4310, 4331, 4350, 4372, 4382, 4392.
- Additional electives to total 120 hours.

#### Decision Management Concentration Requirements

- IDM 1315, 2390 and 3350.
- 12 semester hours from IDM 3310, 3342, 4310, 4331, 4343, 4352, 4358.
- Nine hours of advanced IDM electives.
- Additional electives to total 120 hours.

#### Minor in Computer Information Systems

The minor in information and decision management requires IDM 1315, 2390, 3350 and nine hours of advanced IDM electives.

Curriculum Guide (suggested course sequence)			
First Year		Second Year	
Semester 1	Semester 2	Semester 1	Semester 2
Lab science .....4 hrs. ENGL 1301, 1302 or 2311....3 hrs. MATH 1324*....3 hrs. IDM 1315.....3 hrs. Core code 90 ..... 1 hr. 14 hrs.	Lab science.....4 hrs. ENGL 1301, 1302 or 2311....3 hrs. IDM 2315.....3 hrs. MATH 1325.....3 hrs. SCOM 1315 or 1321..... 3 hrs. 16 hrs.	IDM 2390.....3 hrs. ACCT 2301 .....3 hrs. ECON 2301 .....3 hrs. Elective .....3 hrs. ENGL 2321, 2326, 2331, 2341, 2343, HIST 2372, 2311, MCOM 1307, PHIL 1301, 2374, or SPAN 2312...3 hrs. IDM 2342 ..... 3 hrs. 18 hrs.	IDM 4360 .....3 hrs. ACCT 2302 .....3 hrs. ECON 2302* .....3 hrs. IDM 2310**** .....3 hrs. HIST 1301, 1302 or 2301 ..... 3 hrs. 15 hrs.
Third Year		Fourth Year	
Semester 1	Semester 2	Semester 1	Semester 2
BUSI 3312 .....3 hrs. MGT 3330 .....3 hrs. FIN 3320 .....3 hrs. IDM 3330.....3 hrs. IDM 3350..... 3 hrs. 15 hrs.	MKT 3340.....3 hrs. IDM 3385.....3 hrs. ECON adv. elective .....3 hrs. IDM 3312 .....3 hrs. DANC 2303, HUMA 1315, ARTS 1303, 1304, MUSI 1208, 1209, 1306 or THRE 1310 ..... 3 hrs. 15 hrs.	IDM adv elective*** .....3 hrs. POSC 2305, 2306 or 2370...3 hrs. MGT 4315 .....3 hrs. Elective .....3 hrs. HIST 1301, 1302 or 2301 (second course) ..... 3 hrs. 15 hrs.	IDM 4390.....3 hrs. IDM adv. elective** .....3 hrs. IDM adv. elective*** .....3 hrs. Elective ..... 3 hrs. 12 hrs.
<small>*MATH 1324, SCOM 1321, ECON 2301 and COB writing component are required for B.B.A.  **Nine hours from IDM 3372, 3382, 3385, 3390, 4310, 4331, 4350, 4372, 4382, 4392, 4398.  ***IDM 3350 or 4352 advanced elective is required.  ****To meet College of Business writing requirement.</small>			