

Department of Computer Information Systems

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Faculty: Abdullat, Anderson, Jafar, Kelley, Landram, Mashburn, Pauli.

The mission of the Department of Computer Information Systems (CIS) 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 CIS 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 Computer Information Systems offers course work in information systems, business quantitative methods and decision supports. CIS 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 computer information systems, including database management, systems analysis and modeling, data communications and networking, web-based applications development, data warehousing, security and visualization. CIS 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 CIS 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
Computer Information Systems	CIS
Quantitative Business Analysis	QBA

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 Computer Information Systems

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.

B.B.A. Degree Requirements

The goal of the Computer Information Systems (CIS) course of study is to prepare professionals trained in technical aspects of computer systems, knowledgeable of applications areas and able to grow professionally in a rapidly changing field. The CIS program is career oriented to prepare graduates with the background to advance to high-level positions in areas such as programming, systems analysis, systems design, project leadership and systems management.

Department Core Requirements

- CIS 1315, 2315, and 2390.

Computer Information Systems Core Requirements

- CIS 3350, 3360, 3372, 3385. (4390 completed as part of B.B.A. core for CIS major.)
- 12 hours from CIS 3342, 3382, 3390, 4098, 4310, 4325, 4350, 4370, 4372, 4382, 4392.
- CIS majors are exempt from CIS 3330 in the B.B.A. core.
- Additional electives to total 120 hours.

Minor in Computer Information Systems

The minor in computer information systems is available to any student pursuing a B.B.A. degree. Students wishing to complete a minor in computer information systems must take CIS 1315, 2315, 2390 and nine hours from 3000- to 4000-level CIS electives.

Curriculum Guide (suggested course sequence)			
Major in Computer Information Systems			
First Year		Second Year	
Semester 1	Semester 2	Semester 1	Semester 2
Lab science4 hrs. ENGL 13013 hrs. MATH 1314 or 1324*3 hrs. CIS 13153 hrs. PHED 1111 or activity1 hr. 14 hrs.	Lab science4 hrs. ENGL 13023 hrs. CIS 23153 hrs. MATH 13253 hrs. PHED 1111 or activity1 hr. SCOM 1315 or 13213 hrs. 17 hrs.	CIS 23903 hrs. ENGL 2332 or 23333 hrs. ACCT 23013 hrs. ECON 23013 hrs. POSC 23053 hrs. ENGL 2371, HIST 2372, PHIL 1301 or SPAN 23123 hrs. QBA 23423 hrs. 21 hrs.	CIS 43603 hrs. ACCT 23023 hrs. ECON 2302*3 hrs. COB writing component3 hrs. HIST 1301 or 13023 hrs. 15 hrs.
Third Year		Fourth Year	
Semester 1	Semester 2	Semester 1	Semester 2
BUSI 33123 hrs. MGT 33303 hrs. FIN 33203 hrs. QBA 4331, CIS 4350 or 4370****3 hrs. CIS 33503 hrs. 15 hrs.	MKT 33403 hrs. CIS 33853 hrs. ECON adv. elective**3 hrs. QBA 3350 or 43523 hrs. Elective3 hrs. HUMA 1315, ARTS 1303, 1304, MUSI 1306 or THRE 13103 hrs. 18 hrs.	CIS adv elective3 hrs. CIS adv. elective3 hrs. elective3 hrs. POSC 23063 hrs. MGT 43153 hrs. Elective3 hrs. HIST 1301 or 1302 (second course)3 hrs. 15 hrs.	CIS 43903 hrs. CIS adv. elective3 hrs. CIS adv. elective3 hrs. Elective3 hrs. 12 hrs.
<small>*MATH 1324, SCOM 1321, ECON 2301 and COB writing component are required for B.B.A. **12 hours from CIS 3342, 3382, 3390, 4098, 4310, 4325, 4350, 4370, 4372, 4382, 4392. *** QBA 3350 or 4352 advanced elective is required. ****To meet College of Business writing requirement.</small>			