B.A. in Administration Information Systems and Technology Concentration

Requirements (92-100 units)

Total units required for graduation: 180

Requirements for the B.A. in Administration

Students are encouraged to check that they have met the prerequisite requirements for each course in the College of Business and Public Administration in which they are planning to enroll. Prerequisite requirements listed for each course are strictly enforced.

Enrollment in 300-, 400- and 500-level courses in the College of Business and Public Administration is restricted to students who have completed at least 90 quarter units (i.e., at least junior class level) and all lower-division courses listed below. Course prerequisites are strictly enforced.

Students who do not meet the stated requirements may be disenrolled from the course(s).

Students must earn a grade of "C" (2.0) or better in all lower division, upper-division and concentration courses required to fulfill a B.A. in Administration.

Lower-division core requirements (32)

ACCT 211 Introductory Accounting I 4
ACCT 212 Introductory Accounting II 4
ECON 200 Principles of Microeconomics 4
ECON 202 Principles of Macroeconomics 4
IST 101 Introduction to Information Technology 4
MGMT 230 Business Law 4
ADMN 210 Applied Business Statistics 4

Four units chosen from (also meets the General Education requirement category B1):

- MATH 110 College Algebra
- MATH 120 Pre-Calculus Mathematics
- MATH 192 Methods of Calculus
- MATH 211 Basic Concepts of Calculus

Upper-division core requirements (36)

FIN 313 Business Finance 4
FIN 314 Corporate Financial Management 4
IST 309 Information Systems and Technology 4
MGMT/PSYC 302 Management and Organizational Behavior 4
MGMT 350 Administrative Communications 4
MGMT 490 Strategic Management 4
MKTG 305 Marketing Principles 4
PA 315 Government-Business Relations 4
SCM 304 Principles of Supply Chain Management 4

Concentration (24-32)

Note: The concentration electives should be chosen from the electives listed for each concentration or, with the prior approval of the department chair, the student may substitute other courses for these electives. With prior approval, up to two of the concentration electives may be chosen from other academic disciplines. In planning their career goals, students should review course offerings of other departments to determine if specific courses fit their career plans.

Information Systems and Technology Concentration (30 units)

IST 215 Cyber Security 4
IST 372 Information Technology 4
IST 490 Information Systems Planning and Policy 4

Eight units chosen from:

IST 274 Data Base Management and Policies 4
IST 275 Information Networking and Security 4
IST 276 Systems Analysis and Design 4
IST 282 Business Systems I 4

Four units chosen from:

IST 378 Problem Solving and Risk Management 4
SCM 515 Project Management 4

A minimum of six units chosen from:

IST 474 Advanced Data Base Management and Information Assurance 4
IST 475 Advanced Information Networking and Security 4
IST 476 Advanced Systems Analysis and Design 4
IST 483 Advanced Business Systems 4
IST 511 Cyber Defense 4
IST 525 Computer Forensics 4
IST 575 Internship 4
IST 595B Independent Study 4
IST 595D Independent Study 4

Total Units 30