Texas A&M University-San Antonio

College of Business, Academic Advising

Spring 2014

New Student Information Packet
Dear Student,

Welcome to the College of Business! It will be an exciting journey and we are proud you have chosen to be a Business Student. The College of Business at Texas A&M University-San Antonio prepares students for successful careers in the business world. Our Bachelor’s and Master’s degree programs can help enhance job placement potential and advancement. We currently offer bachelor’s degrees in accounting, computer information systems, general business, finance, management and marketing. Once you have completed your Bachelor of Business Administration degree, we strongly encourage you to continue on your path into our Master of Business Administration (MBA) and Professional Accounting (MPA) programs. Both the undergraduate and graduate level offer evening and Saturday classes and are designed to fit the schedules of working professionals.

The College of Business is located in southeast San Antonio, at Brooks City-Base where we conduct most of our Business classes. Our low student-to teacher ratio, and experienced faculty, allow us to provide a solid, student–focused learning environment. We proudly offer the lowest university tuition rates in San Antonio while carrying on the Texas A&M System reputation. The College of Business offers a 100% electronic book (e-book) based curriculum that enables our students to have access beginning the first day of classes. The iPad rental program, for Business students, encourages convenience and an easy connection to Blackboard and e-books. We look forward to helping you on your path towards continued success!

Best Regards,

Your Academic Advisors
Gloria Ramos -Cortes & Melissa Guerra
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College of Business (COB) Mission Statement

The Mission of the College of Business at Texas A&M University-San Antonio is to prepare a diverse student population for professional-level, global business careers in a student-centered learning environment through the dynamic use of technology, development and application of practitioner-oriented research and a shared commitment to community involvement with local business and organizations.

College of Business Administration & Staff

College of Business Dean: Dr. Tracy Hurley  
College of Business Chair: Dr. Syed Harun  
Office Manager: Ms. Cynthia K. Lee  
Administrative Assistant: Mr. Rene Castillo

College of Business Advising Staff

Undergraduate Academic Advisor: Ms. Melissa Guerra  
Undergraduate Academic Advisor: Ms. Gloria Ramos  
Graduate Advisor: Ms. Paula Garcia  
BAAS Business Advisor: Ms. Debra Leal

Advising Office Hours

Monday: 8:30 a.m. until 6:30 p.m.  
Tuesday: 8:30 a.m. until 6:30 p.m.  
Wednesday: 8:30 a.m. until 6:30 p.m.  
Thursday: 8:30 a.m. until 6:30 p.m.  
Friday: 8:00 a.m. until 5 p.m.

Every second Saturday of each month from 8:30 a.m. until 1:00 p.m.

To Schedule an appointment:

Please call: (210) 784-2202 or email us at: undergradbusiness@tamusa.tamus.edu
First Semester Checklist

☐ Have you been formally admitted?

☐ Write K-Number here: _____________________________

☐ All holds removed? ETS; Meningitis; New Student Orientation

☐ Declared major? Write here: ____________________________________________________

☐ Reviewed packet and information included? Make note of course rotations and prerequisites.

☐ Access the course schedule, via Jaguar Connect and create your semester class schedule. Note all CRNs, course numbers & subjects.

☐ Log on and register via Jaguar Connect with CRN's

☐ Check academic calendar for important deadlines & dates

☐ Access Blackboard before 1st day of classes?

☐ Attended class(es)? Course delivery? Write here: ________________________________

☐ Follow up with COB Academic Advisor for a full session, mid-Spring semester, in order to complete your degree plan map and determine your projected graduation date.

☐ Academic Advising appointment scheduled for: ________________________________
Registering for Classes

Step 1: The Permit Form

In order to register for classes, a “permit form” must be submitted. Your advisors will review your course work in order to verify the pre-requisites have been completed. Below is the permit form. It is accessible via the College of Business webpage, on all Advisor e-mail signature bars and hard copies are available in the College of Business office, room 180. Processing will take two business days.

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**PERMIT FORM**

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Directions: (1) Fill out the Permit Form. (2) Print, sign and return to your advisor or save and E-mail back to your advisor. (3) Register for the class(es) you requested the permit(s) for through Jaguar Connect.

(Student’s Signature: ________________________ Date: ____________)

*If submitting by email type name.*

Processed: ________________________ Date: ____________
Step 2: How to Register for Classes (keystroke guide) via Jaguar Connect:

Please visit, www.tamusa.tamus.edu > click on Jaguar Connect > Log in > Enter your K-number and PIN (instructions on web page) > Registration > Look up Classes > Select a term (i.e.: Fall 2013 San Antonio) Submit > Select a Subject > Course Search > Select a Course > View sections > Select the box in front of the CRN (C identifies a closed class) and choose Register or Add to Worksheet

Repeat for additional classes (if necessary).

Please note: The following BBA core courses are available for registration after viewing the New Student Orientation & the New Student information Session without a “permit form” submission:

BCOM 3304
BLAW 3341
MGMT 3311
MKTG 3361

Additionally, the following courses are available for registration without a permit form:

MGMT 3325
BUAD 3311

Step 3: Confirm your Semester Schedule:

Return to the Home Menu > click Registration > Student Detail Schedule > Select a Term > Submit

Be sure to confirm course delivery and location.
Texas A&M University-San Antonio
Academic Calendar for Academic Year 2013-2014

Dates and times subject to change.
Official Calendar and Registration information appears each semester with the Class Schedule.

Spring Semester 2014
Dec. 2 Application for Summer 2014 graduation can be submitted
Dec. 5 Emergency Loan available for spring
Jan. 6 A $35 fee will be assessed for paying after this date.
Jan. 9 – 5 p.m. Drop for Non-Payment
Jan. 10 Last Day for students withdrawing to receive 100% refund and responsible for 0% of tuition
Jan. 10 New International Student Orientation/Registration
Jan. 10 Undergraduate NEW Student Orientation
Jan. 11 Undergraduate NEW Student Orientation
Jan. 11 First Day of Saturday Classes
Jan. 13 First class day
Jan. 13 Graduation Application Fee Payment Deadline
Jan. 18-20 Martin Luther King Holiday
Jan. 21 Permission from Academic Department required to register for classes
Jan. 29 Census Date. NO REGISTRATION BEYOND THIS POINT
Jan. 29 Deadline for students who have applied for Spring 2014 graduation to complete Change of Name and/or Change of Major form(s) at the Welcome Center
Jan. 30 Students Dropped for Non-Payment will be assessed a $363 Reinstatement Fee if reinstating on or after this date.
Feb. 3 Last day for students to apply for Summer 2014 graduation
Feb. 28 Spring Emergency Loan Due
Mar. 3 Application for Fall 2014 graduation can be submitted
Mar. 10-15 Spring Break – No Classes
Mar. 31 Title IV 60% of semester
Apr. 1 Last day to drop with an automatic “Q”
Apr. 7 Registration for Summer 2014 Semester begins
May 2 Last day to drop a course or withdraw from the university
May 5 Last Day of Class
May 6-12 Final Exams
May 14 All grades for Fall 16-week session due by noon via the Jaguar Connect
May 16 Spring Commencement
May 21 Registration for Fall 2014 Semester begins
Jun. 2 Last day for students to apply for Fall 2014 graduation 2013-2014 Academic Calendar
10-Week Summer Session 2014
May 5 Emergency Loan available for summer
May 24 Undergraduate NEW Student Orientation
May 27 Summer Sessions Payment Due. A $35 fee will be assessed for paying after this date.
May 29 – 5 p.m. Drop for Non-Payment
Jun. 2 First day of class
Jun. 2 Last day for students to apply for Fall 2014 graduation
Jun. 19 Census Date
Jun. 20 Students Dropped for Non-Payment will be accessed a $363 Reinstatement Fee if reinstating on or after this date.
Jun. 12 Title IV 60%
Jul. 4 Holiday- no class
Jul. 14 Last day to drop a course with an automatic “Q”
Jul. 31 Summer Emergency Loan Due
Aug. 6 Last day to drop a course or withdraw from the university
Aug. 6 Last day of class
Aug. 7 Final Exams
Aug. 12 All Grades for 10-Week Summer Session Due by Noon via Jaguar Connect

8-Week Summer Session 2014
May 5 Emergency Loan available for summer
May 24 Undergraduate NEW Student Orientation
May 27 Summer Sessions Payment Due. A $35 fee will be assessed for paying after this date.
May 29 – 5 p.m. Drop for Non-Payment
Jun. 2 First day of class
Jun. 2 Last day for students to apply for Fall 2014 graduation
Jun. 10 Census Date
Jun. 11 Students Dropped for Non-Payment will be accessed a $363 Reinstatement Fee if reinstating on or after this date.
Jul. 3 Title IV 60%
Jul. 4 Holiday- no class
Jul. 7 Last day to drop a course with an automatic “Q”
Jul. 23 Last day to drop a course or withdraw from the university
Jul. 24 Last day of class
Jul. 25 Final Exams
Jul. 29 All Grades for 8-Week Summer Session Due by Noon via Jaguar Connect
Jul. 31 Summer Emergency Loan Due 2013-2014 Academic Calendar
**First 5-Week Summer Session 2014**
May 5 Emergency Loan available for summer
May 24 Undergraduate NEW Student Orientation
May 29 – 5 p.m. Drop for Non-Payment
Jun. 2 First day of class
Jun. 2 Last day for students to apply for Fall 2014 graduation
Jun. 5 Census Date
Jun. 6 Students Dropped for Non-Payment will be accessed a $363 Reinstatement Fee if reinstating on or after this date.
Jun. 23 Title IV 60%
Jun. 24 Last day to drop a course with an automatic “Q”
Jul. 1 Last day to drop a course or withdraw from the university
Jul. 2 Last day of class
Jul. 3 Final exams
Jul. 4 Holiday- no class
Jul. 8 All Final 1st 5-Week Summer Session grades Due by Noon via Jaguar Connect
Jul. 31 Summer Emergency Loan Due

**Second 5-Week Summer Session 2014**
May 5 Emergency Loan available for summer
Jun. 2 Last day for students to apply for Fall 2014 graduation
Jun. 14 Undergraduate NEW Student Orientation
Jul. 2 – 5 p.m. Drop for Non-Payment
Jul. 7 First day of class
Jul. 10 Census Date
Jul. 11 Students Dropped for Non-Payment will be accessed a $363 Reinstatement Fee if reinstating on or after this date.
Jul. 28 Title IV 60%
Jul. 29 Last day to drop a course with an automatic “Q”
Jul. 31 Summer Emergency Loan Due
Aug. 5 Last day to drop a course or withdraw from the university
Aug. 6 Last day of class
Aug. 7 Final exams
Aug. 12 All Final 2nd 5-Week Summer Session grades Due by Noon via Jaguar Connect
Texas A&M University-San Antonio  
School of Business 2013-2014  

COURSE DESCRIPTIONS  

ACCOUNTING (ACCT)  

3301. Accounting for Non-Accounting Majors. 3(3-0)  
This course approaches accounting from the point of view of a business manager. Emphasis is on the source, strengths, and limitations of financial accounting information as a support for the five functions of management, i.e. planning, organizing, staffing, directing, and controlling. The course culminates in the analysis of publicly available financial statements, using both vertical and horizontal analysis techniques. This course is specifically designed for non-accounting majors. Prerequisites: Successful completion of the business prerequisites. 3(3-0)  

3310. Intro to Accounting for accounting majors 3(3-0) (Title will be changing to Intermediate I)  
This course provides an examination of the source and content of basic accounting theory from the point of view of the FASB Statements of Financial Accounting Concepts and Statements of Financial Accounting Standards. Special emphasis is placed on student understanding of complex accounting processes. Emphasis on the creation and use of general journal entries, end of period adjusting entries, completion of the accounting cycle and production of income statements, changes in owners’ equity, statements of cash flows, and balance sheets. Special attention is paid to issues of the measurement and timing of revenues and expenses. This course may be completed by passing the Financial Accounting CLEP test with a minimum score of 80%. Prerequisite: Successful completion of the business prerequisites.  

3311. Intermediate Accounting I. 3(3-0) (Title will be changing to Intermediate II)  
This course builds upon the concepts learned in ACCT 3310 Intermediate Accounting I providing an in depth understanding of the source and use of authoritative accounting pronouncements. The course provides an exhaustive study of the accounting for assets, with special emphasis on financial assets, including Notes Receivable and Bonds held as investments. Students will acquire practice in using the concept of the time value of money to determine the value of financial assets. The course also covers accounting principles for cash, receivables, inventories, plant assets and natural resources. Prerequisite: ACCT 3310 or a minimum score of 80% on the Financial Accounting CLEP test.  

3312. Intermediate Accounting II. 3(3-0) (Title will be changing to Intermediate III)  
This course builds upon the concepts learned in ACCT 3310 Intermediate Accounting I (should be Intermediate II?) providing an in depth understanding of the source and use of authoritative accounting pronouncements. The course provides an exhaustive study of the accounting for liabilities and owners’ equity. Special emphasis is given to the accounting principles for long-term liabilities, stockholders’ equity, income taxes, pensions, leases and statement of cash flows. Students will acquire practice in using the concept of the time value of money to determine the value of leases and long-term liabilities. Prerequisite: ACCT 3310 or a minimum score of 80% on the Financial Accounting CLEP test. Grade of C or better in ACCT 3310 and ACCT 3311.  

3314. Cost/Managerial Accounting. 3(3-0)  
This course comprises an examination of the determination and allocation of costs to specific accounting entities, such as specific products, specific processes, specific tasks, business divisions, and business departments. Additionally, methods of determining the cost of specific business activities are studied. Methods are studied for using costing, especially activity-based costing (ABC), for the five purposes of management, e.g. planning, organizing, staffing, directing, and controlling. Special attention is given to methods for using accounting information for decision making, such as make or buy, outsourcing, project acceptance, and capital investment. Prerequisites: For Accounting Majors: Grade of C or better in ACCT 3310 and ACCT 3311; Non-Accounting Majors: Grade of C or better in ACCT 3301.
3328. Internship in Accounting. V:1-3
An off-campus learning experience allowing the application of accounting skills in an actual work setting. Will count towards the hours required for the CPA exam only if the internship requirements set by the State Board of Public Accountancy are met. Prerequisites: Grade of C or better in ACCT 3311 and ACCT 3312 and approval of a faculty coordinator, department chair, and the School of business head. Successful completion of the business prerequisites.

4307. Accounting for Governmental and Nonprofit Entities. 3(3-0)
This course provides a rigorous examination of the principles and practice of fund accounting applicable to governmental and nonprofit organizations. Special emphasis is given to an understanding of the source of authority and the pronouncements of the Governmental Accounting Standards Board (GASB). Secondary emphasis is given to the unique GAAP requirements of accounting for nonprofit organizations, hospitals and health care organizations, and educational institutions. Prerequisites: Senior Standing and Grade of C or better in ACCT 3310.

4308 Income Tax Accounting. 3(3-0) (Title/Course # will be changing to Fund of Federal Income Tax-ACCT 3305)
Analysis of Federal income tax laws, emphasis being placed on the determination of net taxable income and preparation of income tax returns for individuals. Special attention is given to accounting for sole proprietorships and single-owner disregarded entities. Students who complete the course will be able to accurately determine the appropriate income tax for affluent individual taxpayers. Prerequisite: ACCT 3301 or 3310.

4311. Auditing I. 3(3-0)
This course is a detailed examination of auditing standards, professional ethics, legal liability, evidence, internal control and audit reports. Students will prepare an extensive audit case study during the course. Emphasis is given to the preparation of audit work papers and to appropriate audit reports. Prerequisites: ACCT 3312 and ACCT 3314. Grade of C or better in ACCT 3311 and ACCT 3312.

4312. Auditing II. 3(3-0)
This course extends the examination of the audit process studied in ACCT 4311. Emphasis is given to advanced audit topics including program planning and special reports. Secondary emphasis is given to statistical methods of determining audit risk, inherent risk, sample size, and statistical reliability. Prerequisite: ACCT 4311. Grade of C or better in ACCT 3310 and ACCT 3311.

4314. Business Combinations. 3(3-0)
This course comprises a detailed examination of advanced accounting topics, which culminates in students preparing consolidated financial statements for business combinations, mergers and consolidations, and investments in subsidiaries. Emphasis is given to the elimination of intercompany transactions and to the issues of consolidating the statements of complex entities which have indirect and mutual holdings in other corporations. Prerequisite: ACCT 3311 and ACCT 3312. Grade of C or better in ACCT 3310 and ACCT 3311.

4315. Advanced Accounting Problems. 3(3-0)
This course comprises a detailed examination of accounting for financial derivatives used as either speculative investments or as hedging instruments. Emphasis is given to issues of foreign currency transactions and to the translation or re-measurement of financial statements denominated in currencies other than the U.S. dollar. Secondary emphasis is given to the issues of accounting principles for partnerships, estates and trusts, debt restructuring, reorganizations and liquidations, interim financial reporting and segmentation. Prerequisite: ACCT 3311 and ACCT 3312. Grade of C or better in ACCT 3310 and ACCT 3311.

4316. Accounting Theory. 3(3-0)
This course examines the basis and development of GAAP. GAAP is then compared and contrasted to alternative accounting systems, such as fair value accounting, inflation-adjusted accounting, and cash-based accounting. Secondary emphasis is given to current research trends in accounting academia, including topics such as positive accounting theory, efficient market hypothesis, and the capital pricing model. Prerequisite: ACCT 3311 and ACCT 3312. Grade of C or better in ACCT 3310 and ACCT 3311.
4317. Accounting Systems. 3(3-0)
This course comprises an extensive examination of the principles and procedures of the design and installation of a computerized accounting system. Emphasis is given to the use of Enterprise Resource Management (ERM) systems with integrated accounting functions. Producing information useful for decision making and control is also studied in detail. Secondary emphasis is given to issues of embedded audit procedures in CRM and dedicated accounting applications. **Prerequisites:** Grade of C or better in ACCT 3310 and ACCT 3311.

4318. Advanced Income Tax Accounting. 3(3-0)
This course comprises an examination of the taxation of corporations. Emphasis is given to the source, purpose, and effect of tax regulations applicable to partnerships and corporations. Students who complete this course will be able to accurately prepare Federal income tax returns for such businesses. Secondary emphasis is given to the application of the federal gift and estate tax. **Prerequisite:** Grade of C or better in ACCT 3310 and ACCT 3311.

4319. Advanced Cost/Managerial Accounting. 3(3-0)
This course comprises an extensive examination of the current state of managerial accounting with emphasis given activity based costing and planning (ABC). Students who complete this course will experience planning and control of cost elements, analysis of costs and profits and current topics in cost/managerial accounting. Students will also read and discuss current academic research in managerial accounting. **Prerequisite:** Grade of C or better in ACCT 3310 and ACCT 3311.

4391. Special Study in Accounting. 3(3-0)
Study or research under supervision of instructor or small business audits. May be repeated once for credit. **Prerequisite:** Consent of Instructor. Grade of C or better in ACCT 3310 and ACCT 3311.

**BUSINESS COMMUNICATION (BCOM)**

3304. Business Communication. 3(3-0)
Principles of business communication through letters and reports. Clear, accurate and forceful writing; practical psychology; and business reports with implication for international business. **Prerequisites:** ENGL 1301 and ENGL 1302.

**BUSINESS LAW (BLAW)**

3341. Business Law. 3(3-0)
Historical background and role of law in business and society; general principles of the law of contracts, personal property, secured transactions, sales and commercial paper; the Uniform Commercial Code as adopted in Texas and other applicable Texas statutes.

4342. Business Law for Accountants. 3(3-0)
Sales and commercial paper; the Uniform Commercial Code in Texas; the law of agency; business organization formulation and dissolution; accountants' legal responsibility; federal securities regulation; insurance; suretyship; property; wills, estates and trusts. **Prerequisite:** BLAW 3341. Successful completion of the business prerequisites.

4344. International Business Law. 3(3-0)
Major business law topics and issues involved in international business transactions. Exporting-importing, licensing and direct foreign investment. Risks of international business trade including language, culture, currency, legal and political barriers. **Prerequisite:** BLAW 3341. Successful completion of the business prerequisites. **Offered Spring only.**
BUSINESS ADMINISTRATION (BUAD)

3301. Quantitative Methods for Business. 3(3-0)
This course is a comprehensive introduction to the concepts and applications of mathematics to commercial business problems. The course focuses on the quantitative and analytical methods in the context of practical business applications to enhance essential problem solving skills of business students. This course will expose students to the major business applications to be encountered in business courses through approaches that reinforce formulation, reasoning and interpretive problem solving skills essential to practical understanding of business concepts. **Prerequisite:** Successful completion of the business prerequisites.

3311. Business & Society. 3(3-0)
This course is designed to help explore common ethical dilemmas in business and to develop appropriate decision frameworks to deal with these issues. Topics include global action in ill-defined and contrasting ethical environments, corporate social responsibility, business and external stakeholder issues (e.g., responsiveness to customers, natural environment and sustainability, influence on public policy), and business and internal stakeholder issues (e.g., employee safety, diversity, affirmative action).

3328. Internship in General Business. V:1-3
An off-campus learning experience allowing the acquisition and application of General Business skills in an actual work setting. Prerequisites: approval of a faculty coordinator, the department chair, and the school of business head. Successful completion of the business prerequisites.

3355. Business Statistics. 3(3-0)
This course is a comprehensive introduction to the concepts and applications of mathematics to commercial business problems. The course focuses on the quantitative and analytical methods in the context of practical business applications to enhance essential problem solving skills of business students. This course will expose students to the major business applications to be encountered in business courses through approaches that reinforce formulation, reasoning and interpretive problem solving skills essential to practical understanding of business concepts. **Prerequisites:** Successful completion of BUAD 3301.

COMPUTER INFORMATION SYSTEMS (CISA)

3328. Internship in Computer Information Systems. V:1-3
An off-campus learning experience allowing the acquisition and application of information technology skills in an actual work setting. Prerequisites: Approval of a faculty coordinator, the department chair, and the school of business head.成功完成商务先决条件。

3351. Database Design and SQL. 3(3-0)
Basic database design and introduction to structured query language (SQL). Includes instruction on creating user interface forms for a database. **Prerequisites:** CISA 1310 and one other programming course. Successful completion of the business prerequisites.

3354. COBOL Programming I. 3(3-0)
Fundamentals and techniques of programming in the COBOL language including program design and structure, flow charting and documentation. **Prerequisite:** CISA 2302 or equivalent. Successful completion of the business prerequisites.

3355. COBOL Programming II. 3(3-0)
Refinement and expansion of programming competencies in the COBOL language including structured programming, sorting, merging, file systems and access methods. **Prerequisite:** CISA 3354. Successful completion of the business prerequisites.

3356. Systems Analysis and Design. 3(3-0)
Analysis and design techniques required for implementing medium to large-scale computer information systems.
Development of requirements for personnel, software and equipment for typical applications. **Prerequisites:** 6 semester hours of Computer Information Systems or Computer Science, Successful completion of the business prerequisites.

**3358. Management Information Systems. 3(3-0)**
A comprehensive study of the use of information technology as an organizational resource, including the implementation of disciplined processes and management development to effectively exploit the power of modern information technology. **This course is specifically designed for non-computer information systems majors.**

**3364. Programming in Visual BASIC. 3(3-0)**
Fundamentals and techniques of programming for business applications using Visual BASIC. **Prerequisite:** CISA 1310. Successful completion of the business prerequisites.

**3367. Advanced Microcomputer Applications and Systems. 3(3-0)**
Study of advanced microcomputer hardware and software technologies having application in business administration. **Prerequisite:** CISA 2302 or equivalent. Successful completion of the business prerequisites.

**4301. Microcomputer Assembly Language Programming. 3(3-0)**
Theory, concepts and terminology required for competency in microcomputer assembly language programming including machine instructions; basic data types; addressing modes; arithmetic, logical and character string operations; interrupts and I/O interfaces. **Prerequisites:** CISA 2302 or equivalent and one upper-division programming course. Successful completion of the business prerequisites.

**4302. Business Applications Using C++. 3(3-0)**
Concepts and applications of the C++ programming language for business and industry. **Prerequisites:** CISA 1310 along with one upper-division programming course. Successful completion of the business prerequisites.

**4303. Client/Server Application Development. 3(3-0)**
Client/Server application development practices and tools. Emphasis on developing distributed database applications that support the information processing needs of business. Topics include: object-oriented program design, programming with object-oriented development platforms and the use of embedded Structured Query Language for database transaction processing. **Prerequisites:** CISA 3351 and CISA 3354. Successful completion of the business prerequisites.

**4304. Database Administration. 3(3-0)**
Database administration, including creating databases, setting user logins and permissions and backup and recovery. Intermediate-level use of structured query language (SQL). **Prerequisite:** CISA 3351. Successful completion of the business prerequisites. **Offered Fall only.**

**4305. Java Programming. 3(3-0)**
This course discusses concepts and application of the Java programming languages for business and industry. Topics include the fundamental of Java programming, control structures, methods, arrays, object-oriented programming, concepts and other advanced topics. **Prerequisites:** CISA 1310 and one programming language course. **Offered Fall only.**

**4306. Telecommunications I. 3(3-0)**
Applications requiring telecommunications, internal and external influences on telecommunications systems and service providers, data transmission, standards and architectures, management of network design and operation, local area networks and future issues. **Prerequisites:** CISA 2302 or equivalent and one upper-division programming course. Successful completion of the business prerequisites. **Offered Fall & Summer only.**

**4308. Telecommunications II. 3(2-2)**
Installation, administration, interoperability and security issues associated with the implementation of typical business telecommunication systems. **Prerequisite:** CISA 4306. Successful completion of the business prerequisites. **Offered Spring only.**
4311. Project Management. 3(3-0)
This course examines the concepts, principles, and applications of project management in the business environment, including the study of project management procedures, project management tools, organizational structure, management of project team members, and the planning, organizing, and control activities necessary for good project. There will be an emphasis of information technology (IT) in the course lectures; however, projects do not have to include an IT component. Cross-listed with MGMT 4311. **Prerequisite:** Successful completion of the business prerequisites. **Offered Fall only.**

4312. Risk Management. 3(3-0)
This course is an overview of the basic components of risk as they pertain to technical projects. Topics include risk identification, risk impact analysis, risk response planning, mitigating risk, and risk management techniques. Cross-listed with MGMT 4312. **Prerequisites:** CISA/MGMT 4311. Successful completion of the business prerequisites. **Offered Spring only.**

4321. Introduction to Information Security. 3(3-0)
This course examines the concepts, principles, and applications of computer security in the business environment including Privacy, Information Security, and Critical Infrastructure. This course explores the knowledge and skills needed to ensure security of information and information systems within organizations. It focuses on concepts and methods associated with security across several systems platforms, including internal and Internet-based systems. The course utilizes a world view to examine critical infrastructure concepts as well as techniques for assessing risk associated with accidental and intentional breaches of security in a global network. It introduces the associated issues of ethical uses of information and of privacy considerations. **Prerequisite:** Successful completion of the business prerequisites. **Offered Fall only.**

4322. Information Policy Assurance. 3(3-0)
This course explores information security policies. The course includes both sociological and psychological issues in policy implementation in general, a dialogue on information security specific policies, the structure of a policy, and the lifecycle of policy from creation to enactment. The course also exposes the student to issue specific policies in different domains of security to assist the students learn in context of real life situations. **Prerequisites:** CISA 4321 or consent of instructor. Successful completion of the business prerequisites. **Offered Spring only.**

4323. Computer Forensics. 3(3-0)
This course is an overview of the methods and tools utilized for collecting and preserving electronic digital evidence for the computer forensic process. Topics include the forensic examination, analysis, and report writing; and preparing for courtroom testimony about the forensic results. **Prerequisites:** CISA 4321 or consent of instructor. Successful completion of the business prerequisites. **Offered Spring only.**

4324. Risk Analysis. 3(3-0)
This course examines concepts of risk analysis, risks in engineered systems, environmental risks, security risks; methods of risk analysis, fault trees and event trees; quantification of probabilities, use of data, models, and expert judgments; risks and decisions, interlinking risk analysis with risk management; applications to homeland security decisions. **Prerequisite:** CISA 4321 or consent of instructor. Successful completion of the business prerequisites. **Offered Fall only.**

4325. Network Security. 3(3-0)
The course explores mechanisms for protecting networks against attacks with an emphasis placed on network security applications for the Internet and corporate networks. The course also investigates various networking security standards and explores methods for enforcing and enhancing those standards. **Prerequisite:** CISA 4321 or consent of instructor. Successful completion of the business prerequisites. **Offered Fall only.**

4331. Enterprise Resource Planning Systems. 3(3-0)
This course examines the concepts, principles, and applications of Enterprise Resource Planning (ERP) systems. This course helps students understand the key processes of business organizations. It also improves the student's understanding of how key business processes are managed and integrated in enterprise level software used by large
organizations. Cross-listed with ACCT 4317. **Prerequisite**: Successful completion of the business prerequisites. **Offered Fall only**.

**4332. Data Mining/Business Intelligence. 3(3-0)**
This course provides an integrative foundation in the field of business intelligence at the operational, tactical, and strategic levels. Topics such as value chain, customer service management, business process analysis and design, transaction processing systems, management information systems, and executive information systems will be covered, along with other topics relevant to the field of business intelligence. **Prerequisites**: Successful completion of the business prerequisites.

**4333. Supply Chain Integration. 3(3-0)**
Supply chain management is the successful cross-functional integration of key business processes from the original suppliers of products, services, and information through the firm to its customers and stakeholders with an emphasis on value-added benefits. This course emphasizes the use of information technology in the supply chain management process. Cross-listed with MGMT 4333. **Prerequisites**: Successful completion of the business prerequisites.

**4334. Business Process Integration. 3(3-0)**
This course provides a foundation for information system professionals who are often called upon to configure and integrate business processes. Information system professionals are often called upon to install and configure computer information systems including packages such as SAP. They must also demonstrate an understanding of how data is shared throughout the organization. This course helps students understand the key processes of business organizations. It also improves the student’s understanding of how key business processes are managed and integrated in enterprise level software used by large organizations. **Prerequisites**: Successful completion of the business prerequisites. **Offered Fall only**.

**4358. Information Resources Management. 3(3-0)**
Planning, organizing and control activities required for effective information systems management. **Prerequisite**: CISA 3356 Successful completion of the business prerequisites.

**4359. Advanced Problems in Computer Information Systems. 3(3-0)**
Research in selected fields of computer information systems. Prerequisite: consent of instructor. May be repeated once for additional credit. **Prerequisite**: Successful completion of the business prerequisites.

**ECONOMICS (ECON)**

**3331. Money and Banking. 3(3-0)**
Principles, problems and structure of the United States monetary system. Operations of commercial banks, the regulation and control of the supply of money and credit and the organization of the Federal Reserve System. **Prerequisite**: Successful completion of the business prerequisites.

**3334. International Economics. 3(3-0)**
International trade theory and policy and international monetary economics; balance of payments and exchange rate theory. Apply trade theories and models to explain why countries trade, gains from trade and trade patterns. Trade unions, tariffs, quotas and other non-tariff barriers to trade. Reasons and consequences of trade deficits. **Prerequisite**: Successful completion of the business prerequisites. **Offered Spring only**.

**4393. Special Problems in Economics. 3(3-0)**
Special studies in Economics. May be repeated once for credit. **Prerequisite**: consent of the instructor. Successful completion of the business prerequisites.

**FINANCE (FINC)**

**3328. Internship in Finance. V:1-3**
An off-campus learning experience allowing the acquisition and application of finance skills in an actual work
setting. **Prerequisite:** Successful completion of the business prerequisites. Approval of a faculty coordinator, the department chair, and School of Business Head.

### 3333. Commercial Bank Management. 3(3-0)
Problems confronting commercial banks: development and application of credit standards, decisions on loan applications, liquidity management and profit sensitivity to varying interest rates. **Prerequisite:** ECON 3331. Successful completion of the business prerequisites. **Offered Spring only.**

### 3337. Business Finance. 3(3-0)
Determining and analyzing the forms of business enterprise. Analysis of the techniques, methods and procedures used in the acquisition and proper employment of funds in the business entity. **Prerequisite:** BUAD 3301 Successful completion of the business prerequisites.

### 3338. Financial Statement Analysis. 3(3-0)
Analysis and interpretation of financial statements for the guidance of management, stockholders and other stakeholders. Establishment of firms' business profiles; quality of earnings issues; and stock valuation. **Prerequisite:** Successful completion of the business prerequisites. **Offered Fall only.**

### 3345. Real Estate Finance. 3(3-0)
Real estate valuation and methods of financing real estate transactions, property management and taxation. Instruments and sources of real estate credit. Real estate appraisal theory and practice. Real estate investment trusts (REIT). **Prerequisite:** Successful completion of the business prerequisites. **Offered Fall only.**

### 3351. Insurance and Risk Management. 3(3-0)
Principles and practices of risk management and insurance. Property and casualty insurance, fire insurance, consequential loss, transportation insurance, automobile insurance, crime insurance and disaster insurance. Individual life insurance, annuities and health insurance products with emphasis on policy coverage. **Prerequisite:** Successful completion of the business prerequisites. **Offered Spring only.**

### 4331. Investments. 3(3-0)
Principles governing the proper investment of personal and institutional funds; the characteristics of a sound investment and the analysis of the different securities offered to investor. **Prerequisites:** FINC 3337. Successful completion of the business prerequisites. **Offered Fall only.**

### 4332. Portfolio Management. 3(3-0)
Analysis and evaluation of the decision-making process in investments. Asset valuation, portfolio and risk management and performance evaluation. Theoretical and analytical developments in security selection and portfolio management. **Prerequisite:** FINC 4331. Successful completion of the business prerequisites. **Offered Spring only.**

### 4336. Financial Management. 3(3-0)
Finance function and its integration into the administration of the firm. Selected case studies and problems illustrate techniques used in financial decision making and optimum capital utilization. **Prerequisite:** FINC 3337. Successful completion of the business prerequisites. **Offered Spring only.**

### 4341. Financial Markets and Institutions. 3(3-0)
Financial markets and institutions in the U.S. economy. Determinants of savings and investments, interest rates and flow of funds. Role of regulatory agencies governing financial markets and institutions. Money and capital market instruments and institutions. **Prerequisite:** ECON 3331. Successful completion of the business prerequisites. **Offered Spring only.**

### 4342. International Finance. 3(3-0)
Foreign exchange markets, balance of international payments, short-term borrowing and investment decisions. Changes in exchange rates: pricing, profitability and output decision, international aspects of capital decisions.
Prerequisite: FINC 3337. Successful completion of the business prerequisites. **Offered Fall only.**

4360. Options and Futures. 3(3-0)
Structure of the options and futures markets and the trading system of derivatives. Options and futures pricing theory. Analysis of hedging strategies using options and futures. Role of options and futures trading strategies as part of portfolio management, performance evaluation and investment planning. **Prerequisite:** FINC 4331. Successful completion of the business prerequisites. **Offered Fall only.**

4362. Planning and Capital Budgeting. 3(3-0)
Corporate analysis of valuations and investments, capital budgeting and financing, credit and debt management, risk management and taxation. Short-term planning including cash and working capital management. Long-term planning including debt and equity management. **Prerequisite:** FINC 3337. Successful completion of the business prerequisites. **Offered Fall only.**

4364. Business Forecasting. 3(3-0)
Techniques for statistically sound business forecasting. Graphical analysis and concepts such as seasonality, trends and cycles. Advanced forecasting using ARMA modeling as well as regression. **Prerequisite:** BUAD 3355. Successful completion of the business prerequisites. **Offered Spring only.**

4366. Entrepreneurial Finance. 3(3-0)
Financial issues affecting entrepreneurial investments associated with small or rapidly growing ventures. How investors and entrepreneurs create value. Strategic and business planning, financial forecasting, valuation, organizational design and financial contracting, and harvesting strategies. **Prerequisite:** FINC 3337. Successful completion of the business prerequisites. **Offered Fall only.**

4393. Special Problems in Finance. 3(3-0)
Special studies in finance. May be repeated once for credit. **Prerequisite:** consent of the instructor. Successful completion of the business prerequisites.

**MANAGEMENT (MGMT)**

3311. Principles of Management. 3(3-0)
Introduction to the management of business organizations. The functions of management and role of the manager. Managerial decision-making, communication, social responsibility and business ethics. How organizational power and politics affect the manager.

3314. Principles of Business Logistics. 3(3-0)
A total systems approach to managing the logistical activities of the firm. Analysis of total cost balanced against customer service. Warehousing, transportation, inventory control, packaging, handling and order processing activities are surveyed. Cross-listed with MKTG 3314 **Prerequisite:** MKTG 3361. Successful completion of the business prerequisites. **Offered Fall only.**

3320. Supply Chain & Operations Management. 3(3-0)
A survey of lean, quality, supply chain, and other operations management guiding concepts and quantitative tools utilized to plan, design, control physical resources/business information to produce/provide goods/services from raw material supplier to end customer. **Prerequisite:** BUAD 3355

3325. Human Resources Management and Procedures. 3(3-0)
Human resources planning, employment, appraisal, training and pecuniary compensation; applicable federal and state legislation.

3328. Internship in Management. V:1-3
An off-campus learning experience allowing the acquisition and application of management skills in an actual work
setting. Prerequisites: Approval of a faculty coordinator, the department chair, and the school of business head. Successful completion of the business prerequisites and must obtain the consent of the Faculty Advisor.

4311. Project Management. 3(3-0)
This course examines the concepts, principles, and applications of project management in the business environment, including the study of project management procedures, project management tools, organizational structure, management of project team members, and the planning, organizing, and control activities necessary for good project. There will be an emphasis of information technology (IT) in the course lectures; however, projects do not have to include an IT component. Cross-listed with CISA 4311. Prerequisite: Successful completion of the business prerequisites.

4312. Risk Management. 3(3-0)
This course is an overview of the basic components of risk as they pertain to technical projects. Topics include risk identification, risk impact analysis, risk response planning, mitigating risk, and risk management techniques. Crosslisted with CISA 4312. Prerequisite: CISA/MGMT 4311. Successful completion of the business prerequisites.

4323. Total Quality & Lean Management. 3(3-0)
The design, evaluation, employment, and integration of total quality and lean management principles and practices within a supply chain environment. Includes customer focus, statistical process control, design for quality, waste reduction, continuous improvement, standardized work, workplace organization, set-up time reduction, lot size reduction, preventive maintenance, management and workforce practices, and pull production systems are emphasized. Prerequisite: MGMT 3320 or consent of teacher. Successful completion of the business prerequisites.

4326. Labor Relations & Collective Bargaining. 3(3-0)
This course offers students a survey of the historical, legal and social framework for and the process of negotiating a labor contract and handling typical grievance issues. Students will examine key elements to the organizing process, contract negotiations, and contract administration. Cognitive elements emphasized include knowledge, comprehension, application, and analysis. Students will have the opportunity to develop skills important to the performance of managing labor relations activities. Prerequisite: senior standing. Successful completion of the business prerequisites.

4325. Management Decision-Making and Business Policy. 3(3-0)
To provide a capstone course for the graduating senior majoring in business that will allow him or her to practically apply the concepts and theories learned in the undergraduate program. The student will do this through integrating those principles with the ones that serve as the theoretical framework for the field of strategic management. The end result of this process will be a student who is able to analyze complex business problems and to effectively make decisions that affect the entire organization. Prerequisite: Completed in the final semester of the B.B.A. program.

4327. Organization Theory and Human Behavior. 3(3-0)
Various organizational structure models and supporting theory, organizations as complex systems, organizational behavior, individual and group dynamics in the business environment, organization development and change. Prerequisite: senior standing. Successful completion of the business prerequisites.

4330. Purchasing & Supply Management. 3(3-0)
Study of the procurement of goods and services resulting from internal needs assessment, and the application of principles of negotiation, purchasing processes, vendor relationship concepts, contract management, receiving, inventory and materials management, and production control, in a supply chain environment with domestic and international suppliers. Prerequisite: MGMT 3320. Successful completion of the business prerequisites.

4331. International Management. 3(3-0)
Management of the internationally competitive firm; topics considered include leadership, organizational structure, cultural differences and similarities and competitive analysis. Prerequisite: senior standing. Successful completion of the business prerequisites.
4333. Supply Chain Integration. 3(3-0)
Supply chain management is the successful cross-functional integration of key business processes from the original suppliers of products, services, and information through the firm to its customers and stakeholders with an emphasis on value-added benefits. Content areas included management of demand determination and purchasing, resources ad materials, quality, lean, logistics and distribution, and systems integration processes. This course incorporates information technology exercises to integrate supply chain management processes. Cross-listed with CISA 4333. **Prerequisite:** Successful completion of the business prerequisites. **Offered Fall only.**

4341. Compensation & Benefits. 3(3-0)
This course identifies the key elements for developing a firm’s strategic compensation program necessary to attract and retain a valued workforce. Students will study the bases for pay and benefit plans, and the design of compensation systems and benefit programs key to serving the internal workforce and compete in the external marketplace. **Prerequisite:** MGMT 3325. Successful completion of the business prerequisites. **Offered Fall only.**

4342. Training & Development. 3(3-0)
This course integrates training theory and application for the high performing organization. Students examine training systems, strategies and practices critical in driving high performing organizations. The training process is mapped and discussed within the overarching framework of designing and planning training activities to meet organizational needs that are both strategic and tactical. **Prerequisite:** MGMT 3325. Successful completion of the business prerequisites. **Offered Spring only.**

4343. Performance Management. 3(3-0)
This course emphasizes measuring and managing performance for the high performing enterprise. The key competitive advantage in today’s globalized world lies, not in technology and products, but in its people and their collective performance. Students will learn the process for operational excellence by examining the design and implementation of a results-driven work structure. The course discusses the importance of efficient workflow, control of operational standards, alignment with key performance metrics, rewarding results, and engaging workforce behavior to achieve high-performance. **Prerequisite:** MGMT 3325. Successful completion of the business prerequisites. **Offered Spring only.**

4344. Organizational Leadership. 3(3-0)
This foundational course will help students develop an understanding of leadership theory while acquiring the necessary skills and insights to become effective leaders. The course blends theory and application, and integrates contemporary ideas and practices with established scholarly research. Students will examine the roles of self-leadership, and the binding relationships between leader and followers. The course considers how power, courage, vision, and morality influence leadership. **Prerequisite:** MGMT 3325. Successful completion of the business prerequisites. **Offered Spring only.**

4345. International Human Resources Management. (3(3-0)
This course captures the compelling realities facing HRM professionals practicing in multinational enterprises today. Students will learn the international business context in which IHRM operates by investigating topic areas as new strategic forms as they impact HRM capabilities and processes, effectiveness in repatriation, transpatriation practices and strategic uses of global careers, ROI of expatriate assignments, the complexities of standardizing and customizing HRM practices and activities across local environments. **Prerequisite:** MGMT 3325. Successful completion of the business prerequisites. **Offered Fall only.**

4346. Seminar in Human Resources. 3(3-0)
Advanced course permitting students to engage in independent reading and research on contemporary issues in Human Resources. Course offers students an opportunity to research recent developments to examine underlying forces contributing to the current dialogue, legislative debate, and legal precedence in developing policy affecting the workplace. **Prerequisite:** MGMT 3325. Successful completion of the business prerequisites. **Offered Fall only.**

4355. Channel Marketing. 3(3-0)
This course deals with the design and management of marketing channels. A marketing channel is viewed as an
Inter-organizational flow system designed to deliver products and services from manufacturers to end consumers as well as reverse flows. This course specifically covers channel design, supply chain management and strategy including alliances and other collaborative relationships in a global environment. Special focus will be placed on trust between firms and its role in establishing a competitive advantage. Cross-listed with MKTG 4355. **Prerequisite:** MKTG 3361. Successful completion of the business prerequisites. **Offered Spring only.**

**4392. Special Problems in Management. 3(3-0)**
Special studies in management. May be repeated once for credit. **Prerequisite:** consent of the instructor. Successful completion of the business prerequisites.

**MARKETING (MKTG)**

**3314. Principles of Business Logistics. 3(3-0)**
A total systems approach to managing the logistical activities of the firm. Analysis of total cost balanced against customer service. Warehousing, transportation, inventory control, packaging, handling and order processing activities are surveyed. **Prerequisite:** MKTG 3361. Successful completion of the business prerequisites. **Offered Fall only.**

**3328. Internship in Marketing. 3(3-0)**
An off-campus learning experience allowing the acquisition and application of marketing skills in an actual work setting. **Prerequisites:** MKTG 3361, junior standing, approval of a faculty coordinator, the department chair, and approval of the school of business head. Successful completion of the business prerequisites.

**MKTG 3360: Personal Selling. 3(3-0)**
The personal selling process and use of a professional, customer-oriented, problem-solving approach in selling situations. The sales job, selection of salespeople, sales training programs, and coordination/control of the sales function. Development of fundamentals of professional selling skills. **Prerequisite:** MKTG 3361. **Offered Fall only.**

**3361. Principles of Marketing. 3(3-0)**
Examination of marketing of goods and services by organizations and individuals in a free-enterprise economy. Topics covered include product, channels, price, promotion, consumer behavior, the legal and other uncontrollable environments and research, international marketing, strategy and control.

**3362. Retail Marketing Management. 3(3-0)**
Analysis and conceptualization of the relationship among channels of distribution members emphasizing the merchandising function of retail store management. Introduce applications of electronic commerce to retailing practice. **Prerequisite:** MKTG 3361 and MKTG 3314 strongly recommended. Successful completion of the business prerequisites. **Offered Spring only.**

**3364. Promotional Strategy. 3(3-0)**
Demand-stimulation processes of all elements of the promotional mix at all levels of the channel of distribution. Analysis of theoretical models and pragmatic applications of promotion in an organization. **Prerequisite:** MKTG 3361. Successful completion of the business prerequisites. **Offered Fall only.**

**3365. Marketing Research. 3(3-0)**
Marketing research methods as applied to management problems involving marketing strategy and policy formulation, and economic-industry-firm-sales forecasts. **Prerequisites:** MKTG 3361, BCOM 3304 and BUAD 3355. Successful completion of the business prerequisites.

**3370. Internet as a Marketing Tool. 3(3-0)**
Combines traditional marketing (situation analysis, marketing planning and marketing implementation) with the
enhanced capabilities of electronic resources. Emphasis on student group application through use of online exercises and critical analysis of existing Web sites. Computer literacy expected. **Prerequisite:** MKTG 3361. Successful completion of the business prerequisites. **Offered Spring only.**

4315. Sales Management. 3(3-0)
The strategic role of the sales function and sales organization; developing and directing a sales force; and evaluating sales force performance. Role playing to help students experience realistic management scenarios. **Prerequisites:** MKTG 3360. **Offered Spring only.**

4350. Consumer Purchasing/Motivation. 3(3-0)
Analysis and evaluation of the consumer's position in the marketing structure including patterns of consumer behavior and the psychological, social and cultural forces that underlie such patterns. **Prerequisites:** MKTG 3361. Successful completion of the business prerequisites. **Spring only.**

4355. Channel Marketing. 3(3-0)
This course deals with the design and management of marketing channels. A marketing channel is viewed as an inter-organizational flow system designed to deliver products and services from manufacturers to end consumers as well as reverse flows. This course specifically covers channel design, supply chain management and strategy including alliances and other collaborative relationships in a global environment. Special focus will be placed on trust between firms and its role in establishing a competitive advantage. Cross-listed with MGMT 4355. **Prerequisite:** MKTG 3361. Successful completion of the business prerequisites. **Offered Fall only.**

4361. Marketing Management. 3(3-0)
Capstone Marketing course for majors. Marketing functions in the firm and marketplace from the viewpoint of the marketing manager. Concepts and analytical tools used by marketing managers. **Prerequisites:** MKTG 3361, MKTG 3365, MKTG 4350 (4350 is acceptable as a co-requisite). **Spring only.**

4363. International Marketing. 3(3-0)
Examines marketing in other countries, the marketing implications of cultural and environmental differences, international marketing research and adaptation of product, price, promotion and distribution decisions to international environments. Topics include international trade theory and the multinational firm. **Prerequisite:** MKTG 3361. Successful completion of the business prerequisites

4396. Special Problems in Marketing. 3(3-0)
Special studies in marketing. May be repeated once for credit. **Prerequisite:** consent of instructor. Successful completion of the business prerequisites.
Example of a Bachelor of Business Administration Degree Plan

Bachelor of Business Administration-General Business
Catalog 2013-2014

### GENERAL EDUCATION COURSES

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Hrs</th>
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<tbody>
<tr>
<td>ENGL 1301</td>
<td>Rhetoric and Composition</td>
<td>3</td>
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<tr>
<td>ENGL 1302</td>
<td>Continuation of Rhetoric &amp; Comp</td>
<td>3</td>
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<tr>
<td>MATH 1314 or 1324</td>
<td>Mathematics</td>
<td>3</td>
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<tr>
<td>Natural Science w/lab experience</td>
<td>3-4</td>
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<tr>
<td>Natural Science w/lab experience</td>
<td>3-4</td>
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<tr>
<td>Visual/Performing Arts</td>
<td>3</td>
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<tr>
<td>Lit/Phil/Lang/Cult Studies</td>
<td>3</td>
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<tr>
<td>HIST 1301</td>
<td>American History</td>
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<td>HIST 1302</td>
<td>American History</td>
<td>3</td>
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<tr>
<td>POLS 2301</td>
<td>Govt &amp; Politics of the U.S.</td>
<td>3</td>
</tr>
<tr>
<td>POLS 2302</td>
<td>Govt &amp; Politics of Texas</td>
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<tr>
<td>COMS 1311, 1315 or 1321</td>
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### COMMUNICATION-ORAL

### GLOBAL LEARNING

### Social/Behavioral Science

### COMMUNICATION-ENGLISH

### HUMANITIES/VISUAL & PERF ARTS

### MAJOR Courses

<table>
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<tr>
<td>ACCT 3301</td>
<td>Acct for non-Acct Majors</td>
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<tr>
<td>BCOM 3304</td>
<td>Business Communications</td>
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<td>BLAW 3341</td>
<td>Business Law</td>
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<td>BUAD 3301</td>
<td>Quantitative Methods of Business</td>
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<td>BUAD 3355</td>
<td>Business Statistics</td>
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<td>CISA 3358</td>
<td>Management Information Systems</td>
<td>3</td>
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<tr>
<td>FINC 3337</td>
<td>Business Finance</td>
<td>3</td>
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<tr>
<td>MGMT 3311</td>
<td>Principles Of Management</td>
<td>3</td>
</tr>
<tr>
<td>MGMT 3320</td>
<td>Supply Chain &amp; Ops Mgmt</td>
<td>3</td>
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<tr>
<td>MGMT 3361</td>
<td>Principles Of Marketing</td>
<td>3</td>
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<tr>
<td>MGMT 4325</td>
<td>MGMT Decision and Business Policy</td>
<td>3</td>
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<tr>
<td>MGMT 3325</td>
<td>(Human Resource Management)</td>
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<tr>
<td>MGMT 4327</td>
<td>(Org Theory &amp; Human Behavior)</td>
<td>3</td>
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<tr>
<td>MGMT 4331</td>
<td>(International Management)</td>
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### Departmental Requirements

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<th>Course Code</th>
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<td>MATH 1325</td>
<td>Mathematics for Business and Social Sciences II</td>
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<tr>
<td>ACCT 2301</td>
<td>Principles of Accounting I - Financial</td>
<td>3</td>
</tr>
<tr>
<td>ACCT 2302</td>
<td>Principles of Accounting II - Managerial</td>
<td>3</td>
</tr>
<tr>
<td>CISA 1301</td>
<td>Introduction to Computers</td>
<td>3</td>
</tr>
<tr>
<td>ECON 2302</td>
<td>Principles of Microeconomics</td>
<td>3</td>
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### Major Requirements

**Accounting Elective (Acct 3314 Cost Managerial Acct recommended)** | 3
**ECON 3331 (Money & Banking)** | 3
**MGMT 4330 (Purchasing & Supply Chain Mgmt)** | 3
**Business Elective (Advanced)** | 3
**Business Elective (Advanced)** | 3
**Business Elective (Advanced)** | 3
**Marketing Elective (Advanced)** | 3

Total Hours = 120

**Class taken in last semester**

Name  
UIN#  
Semester of Entry  
Catalog  
Signed:  
Advisor, School of Business  
Date  

120 CREDIT HOURS REQUIRED FOR DEGREE

63 ADVANCED CREDIT HOURS REQUIRED FOR DEGREE

(30 ADVANCED HOURS FROM TAMUSA FOR RESIDENCY)

NOTE: This unofficial worksheet is intended to serve as a general outline and guide for the student to follow in order to meet degree requirements. It does not constitute a contract, nor does it imply assurance of graduation. It is the student’s responsibility to consult their major academic advisor and catalog for any new updates or changes.

Office Use only:  
GPA institutional: _______  
*GPA cumulative: _______  
* (overall courses completed from all institutions)
For Computer Science Majors:

COMPUTER SCIENCE (CSCI)

3343. Analysis of Algorithms. 3(3-0)
This course provides the basic tools to give students the ability to select algorithms appropriate to particular purposes and to apply them, recognizing the possibility that no suitable algorithm may exist. It examines the range of algorithms that address important sets of well-defined problems, recognizing their strengths and weaknesses, and their suitability in particular contexts. Time and space efficiency is a pervasive theme throughout this course.
Prerequisites: Successful completion of introductory programming courses.

4301. Assembly Language and Computer Organization. 3(3-0)
This course includes the theory, concepts and terminology required for competency in microcomputer assembly language programming including machine instructions; basic data types; addressing modes; arithmetic, logical and character string operations; interrupts and I/O interfaces. It includes an analysis of microcomputer architectures and the impact architectures and instruction sets have on each other.

4304. Database Management Systems. 3(3-0)
Database administration, including creating databases, setting user logins and permissions and backup and recovery. Intermediate-level use of structured query language (SQL).

4306. Computer Networks. 3(3-0)
Applications requiring telecommunications, internal and external influences on telecommunications systems and service providers, data transmission, standards and architectures, management of network design and operation, local area networks and future issues. This course is cross-listed with CISA 4306 Telecommunications I.

4315. Computer Graphics. 3(3-0)

4316. Software Engineering I. 3(3-0)
Introduction to formal software design principles. An engineering approach to software development. Software project management. Software requirements analysis, specification, design, development and validation.
Prerequisite: 6 semester hours of Computer Science or Computer Information Systems.

4321. Computer Security. 3(3-0)
Description: This course examines the concepts, principles, and applications of computer including Privacy, Information Security, and Critical Infrastructure. This course explores the knowledge and skills needed to ensure security of information and information systems within organizations. It focuses on concepts and methods associated with security across several systems platforms, including internal and Internet-based systems. The course utilizes a world view to examine critical infrastructure concepts as well as techniques for assessing risk associated with accidental and intentional breaches of security in a global network. It introduces the associated issues of ethical uses of information and of privacy considerations.

4344. Computer Architecture. 3(3-0)
Basic computer organization, data representation and arithmetic, instruction sets and addressing modes, assembly language, data path and control, memory, input and output and communication.

4359. Advanced Problems in Computer Science. 3(3-0)
Research in selected fields of computer science. Prerequisite: consent of instructor. May be repeated once for additional credit.

4362. Operating Systems. 3(3-0)
This course provides a comprehensive study of the concepts incorporated in modern operating systems. Students learn to view operating systems on the continuum from the designer to the user. This area is undergoing massive
changes as computer systems are becoming ubiquitous and operating systems are being designed for systems ranging from home appliances and automobiles to smart phones and other personal devices, to the more traditional computer systems used to process the myriad information used in governmental, business, and private organizations.

4366. Theory of Programming Languages. 3(3-0)

4491. Senior Project. 2(2-0)
Technical and expository readings, reports, and discussions. Topics include vocational and ethical issues, the relationship between Computer Science and engineering, human factors and software engineering, the history of computing, and individually selected topics of interest. Prerequisite: senior standing in Computer Science.

MATHEMATICS (MATH)

3415. Calculus III. 4(3-0-2)
This course covers sequences and series, functions of several variables, three dimensional geometry, partial derivatives, multiple integrals, line and surface integrals, Green's Theorem, Stroke's Theorem, and applications. Prerequisite: MATH 2314 or MATH 2414.

3320. Differential Equations. 3(3-0)
The ordinary differential equations of physics, chemistry and engineering; methods for their solution and the properties of their solution. Introduction to partial differential equations. Prerequisite: MATH 2414.

3340. Linear Algebra with Applications. 3(3-0)
Systems of linear equations, matrices, determinants, vector spaces, eigenvectors, eigenvalues, orthogonality, linear 195

3370. Discrete Mathematics. 3(3-0)
This course covers many topics in mathematics which are important in computer science. Some of these topics are sets, relations, functions, algorithms, graphs, monoids, lattices, Boolean algebras and graphs. Prerequisite: 3 semester hours of advanced mathematics.

3371. Problem Solving with Computers. 3(3-0)
Brief historical overview of computing and computers; strategies for solving problems by computers; programming in a higher level language. Not applicable for credit in the physical sciences or engineering. Prerequisite: MATH 2413.

4303. Statistical Methods. 3(3-0)
Calculus-based probability, discrete and continuous random variables, joint distributions, sampling distributions, the central limit theorem, descriptive statistics, interval estimates, hypothesis tests, ANOVA, correlation and simple regression. Prerequisite: MATH 2414.

4374. Numerical Analysis. 3(3-0)
The mathematical formation of the concepts in numerical analysis. These concepts include the theory of errors, roots of equations, interpolation, linear systems of equations, numerical differentiation, and integration and solutions of ordinary differential equations. Prerequisites: MATH 3415 and MATH 3320.
## Bachelor of Science in Computer Science Degree

### Catalog 2013-2014

#### General Education Courses

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Name</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>ENGL 1301</td>
<td>Rhetoric and Composition</td>
<td>3</td>
</tr>
<tr>
<td>ENGL 1302</td>
<td>Continuation of Rhetoric &amp; Comp</td>
<td>3</td>
</tr>
<tr>
<td>MATH 2413</td>
<td>Calculus I</td>
<td>3</td>
</tr>
<tr>
<td>PHYS 2425</td>
<td>University Physics I</td>
<td>4</td>
</tr>
<tr>
<td>PHYS 2426</td>
<td>University Physics II</td>
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</table>

#### Mathematics

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Name</th>
<th>Credits</th>
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<tbody>
<tr>
<td>MATH 3370</td>
<td>Discrete Math</td>
<td>3</td>
</tr>
<tr>
<td>MATH 3330</td>
<td>Differential Equations</td>
<td>3</td>
</tr>
<tr>
<td>MATH Elective</td>
<td>one of the following:</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>MATH 3340 Linear Algebra</td>
<td></td>
</tr>
<tr>
<td></td>
<td>MATH 4303 Statistical Methods</td>
<td></td>
</tr>
<tr>
<td></td>
<td>MATH 4374 Numerical Analysis</td>
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</table>

#### Upper Division Major Courses

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Name</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>CSCI 3343</td>
<td>Analysis of Algorithms</td>
<td>3</td>
</tr>
<tr>
<td>CSCI 4304</td>
<td>Database Management Systems</td>
<td>3</td>
</tr>
<tr>
<td>CSCI 4306</td>
<td>Computer Networks</td>
<td>3</td>
</tr>
<tr>
<td>CSCI 4315</td>
<td>Computer Graphics</td>
<td>3</td>
</tr>
<tr>
<td>CSCI 4316</td>
<td>Software Engineering I</td>
<td>3</td>
</tr>
<tr>
<td>CSCI 4317</td>
<td>Software Engineering II</td>
<td>3</td>
</tr>
<tr>
<td>CSCI 4321</td>
<td>Computer Security</td>
<td>3</td>
</tr>
<tr>
<td>CSCI 4344</td>
<td>Computer Architecture</td>
<td>3</td>
</tr>
<tr>
<td>CSCI 4362</td>
<td>Operating Systems</td>
<td>3</td>
</tr>
<tr>
<td>CSCI 4366</td>
<td>Theory of Programming Languages</td>
<td>3</td>
</tr>
<tr>
<td>CSCI 4391</td>
<td>Senior Seminar</td>
<td>3</td>
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</table>

#### Lower Division Departmental Requirements

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Name</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>COSC 1336</td>
<td>Programming Fundamentals I</td>
<td>3</td>
</tr>
<tr>
<td>or ITSE 1307</td>
<td>Introduction to C++ Programming</td>
<td>3</td>
</tr>
<tr>
<td>COSC 1337</td>
<td>Programming Fundamentals II</td>
<td>3</td>
</tr>
<tr>
<td>COSC 2325</td>
<td>Computer Organization and Machine Language</td>
<td>3</td>
</tr>
<tr>
<td>or CISA 4301</td>
<td></td>
<td></td>
</tr>
<tr>
<td>COSC 2336</td>
<td>Programming Fundamentals III</td>
<td>3</td>
</tr>
<tr>
<td>MATH 2414</td>
<td>Calculus II</td>
<td>4</td>
</tr>
<tr>
<td>PHYS 2426</td>
<td>University Physics II (may be taken in Core Curriculum)</td>
<td>0-4</td>
</tr>
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</table>

#### Electives

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Name</th>
<th>Credits</th>
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<tbody>
<tr>
<td>Approved Elective</td>
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<td>3</td>
</tr>
<tr>
<td>Approved Elective</td>
<td></td>
<td>3</td>
</tr>
<tr>
<td>Approved CSCI/CISA Elective</td>
<td></td>
<td>3</td>
</tr>
<tr>
<td>Approved CSCI/CISA Elective</td>
<td></td>
<td>3</td>
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<tr>
<td>Approved CSCI/CISA Elective</td>
<td></td>
<td>3</td>
</tr>
<tr>
<td>Approved CSCI/CISA Elective</td>
<td></td>
<td>3</td>
</tr>
</tbody>
</table>

| Total Hours | 120 |

120 Credit Hours Required for Degree
50 Advanced Credit Hours Required for Degree
(30 Advanced Hours from TAMU-SA for Residency)

Signed: ____________________________
Advisor, College of Business

Date

Revised June 4, 2013
**Undergraduate Saturday Class schedule - Spring 2014**

Saturday classes meet every other week. Classes will be held in alternate weeks so students can take 4 courses by coming to school on Saturdays only. The Saturday class schedule for Spring 2014 is as follows:

**Course Group A Schedule:**

<table>
<thead>
<tr>
<th>Subj</th>
<th>Crse</th>
<th>Sec</th>
<th>Title</th>
<th>Time</th>
<th>Instructor</th>
</tr>
</thead>
<tbody>
<tr>
<td>MGMT</td>
<td>3311</td>
<td>902</td>
<td>Principles of Management</td>
<td>09:00 am-11:45 am</td>
<td>Alan Preston</td>
</tr>
<tr>
<td>MKTG</td>
<td>3361</td>
<td>901</td>
<td>Principles of Marketing</td>
<td>01:00 pm-3:45 pm</td>
<td>Lisa Siegal</td>
</tr>
<tr>
<td>MGMT</td>
<td>4325</td>
<td>900</td>
<td>Decision Making &amp; Bus Policy</td>
<td>01:00 pm-03:45 pm</td>
<td>Leonard Love</td>
</tr>
</tbody>
</table>

**Class Dates:**
1. January 11 (First Day of Class)
2. February 01
3. February 15
4. March 01

   **No class (Spring Break) – March 10-15**
5. March 22
6. April 05
7. April 19

**Final Exam: May 03 (Saturday)**

**Course Group B Schedule:**

<table>
<thead>
<tr>
<th>Subj</th>
<th>Crse</th>
<th>Sec</th>
<th>Title</th>
<th>Time</th>
<th>Instructor</th>
</tr>
</thead>
<tbody>
<tr>
<td>BUAD</td>
<td>3311</td>
<td>902</td>
<td>Business and Society</td>
<td>09:00 am-11:45 am</td>
<td>TBA</td>
</tr>
<tr>
<td>BLAW</td>
<td>3341</td>
<td>902</td>
<td>Business Law</td>
<td>01:00 pm-03:45 pm</td>
<td>TBA</td>
</tr>
<tr>
<td>MGMT</td>
<td>4344</td>
<td>900</td>
<td>Organizational</td>
<td>09:00 am-11:45 am</td>
<td>Floy Waggoner</td>
</tr>
</tbody>
</table>

**Class Dates:**
1. January 25 (First Day of Class)
2. February 08
3. February 22
4. March 08

   **No class (Spring Break) – March 10-15**
5. March 29
6. April 12
7. April 26

   **Final Exam: May 10 (Saturday)**
Hyflex Courses Offered for Spring

Now offering HyFlex courses for Spring 2014!

ACCT 3301 • ACCT 3310 • BUAD 3355 • BCOM 3304 • CISA 3358 • FINC 3337 • MGMT 3311 • GMT 3325 • MGMT 4325 • MGMT 4327 • MKTG 3361

What is HyFlex?

This gives students the freedom to study when and where they want to based on their own needs, desires, and preferences.

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HyFlex classes combine elements of both online and classroom-based learning – they take hybrid courses to a new level of flexibility.

Course material is offered in traditional and online formats.

Students can choose how they attend courses weekly, which can resolve many scheduling conflicts.

SOURCES: TECHPULSEHE.WORDPRESS.COM I EDUCAUSE.EDU
College of Business Extras! E-book & iPad Program

E-Book User Guide

Student Access

Michelle Martin
ebook@tamusa.tamus.edu
E-Book Program Coordinator
210-764-2397

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             Change of Term
             Mail acceptance letters to students
             Accept Transcripts (New Students, Updates)
             TEAMSA
             Student I.D.s
             Admission Holds

REGISTRAR:  Change of Address
             Change of Major
             Name Change
             FERPA
             Restricted Information
             Add/Drop forms
             Reinstatements
             Withdrawals
             Request for transcripts
             Enrollment Verifications
             Change of Grade
             Instructor’s request to drop
             Graduation Application

FINANCIAL AID:  On-line Financial Aid application
                 Financial Aid Awarding
                 Verifications
                 Consortium Agreements
                 Satisfactory Academic Progress
                 Special Circumstances
                 Financial Aid Cancellation
                 In-School Deferments
                 Student Loan Process
                 Scholarships

VETERAN CERTIFICATION OFFICE:
             Chapter 33 Post 9-11 GI Bill
             Chapter 30 Montgomery GI-Bill
             Chapter 1606/1607 Reservist or Army National Guardsman
             Chapter 35 Survivors/Dependents Educational Assistance
             Chapter 31 Vocational Rehabilitation
             Hazelwood
             Hazelwood Legacy Program

HOW-TO-SHEETS:  Emergency Loans (how-to-sheet)
                   Deferment Payment Plans (how-to-sheet)
                   Direct Deposit for Refunds (how-to-sheet)
Networking is very important to Business students. Co-curricular activities are a great way to enhance your skills and resume. Here are the student groups available here at the College of Business:

The TAMU-SA Chapter of the American Marketing Association
For More information, please contact the Faculty Advisor, Ms. Lisa Siegal at Lisa.Siegal@tamusa.tamus.edu

The National Society of Leadership & Success
For more information, please contact: Executive Board Member, Andrew Short at AndrewM.Short@Jaguar.Tamu.edu

The Society for Human Resources Management
For more information, please contact the Faculty Advisor, Dr. Adrian Guardia at Adrian.Guradia@tamusa.tamus.edu

Toastmasters
For more information, please contact the Faculty Advisor, Mr. Richard Jenkins at Richard.Jenkins@tamusa.tamus.edu
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BB King