

BS

Business Computer Information Systems

Attention consult
online
degree
audit for your
correct
catalog year

2014-2016

ITDS ADVISOR

▪ BLB 215 ▪ 940-565-3110 ▪ ITDSADV@UNT.EDU

Course Requirements

University Core (42 hours)

Please see the UNT catalog or the COB Advising and Students Services Office in BLB 110 for specific core requirements.

Pre-Business Requirements (15-24 hours)

| | |
|-------------------------------|---------------------------------------|
| ECON 1100 & 1110 (6 hrs) | Principles of Economics |
| COMM 1010 or TECM 2700(3 hrs) | Speech or Technical Writing |
| MATH 1190 (3 hrs) | Business Calculus |
| Free Elective (0-18 hrs) | Free Electives |
| ACCT 2010 & 2020 (6 hrs) | Accounting Principles I & II |
| BCIS 2610 (3 hrs) | Introduction to Computers in Business |
| DSCI 2710 (3 hrs) | Data Analysis with Spreadsheets |

IMPORTANT NOTICE: Students must have a 2.7 UNT GPA, have 45 hours completed, and have earned a grade of "C" or higher in the following courses prior to filing a degree plan and enrolling in upper level business courses: ENGL 1310 & 1320/TECM 2700, ECON 1100 & 1110, MATH1190, BCIS 2610, ACCT 2010 & 2020, and DSCI 2710.

Business Foundation Courses (24 hours)

| | |
|---------------------------|---|
| BCIS 3615 (3 hrs) | Visual Display of Business Information |
| BLAW 3430 (3 hrs) | Legal and Ethical Environment of Business |
| BCIS 3610 (3 hrs) | Basic Information Systems |
| MKTG 3650 (3 hrs) | Foundations of Marketing Practice |
| DSCI 3710 or 3870 (3 hrs) | Business Statistics or Management Science |
| FINA 3770 (3 hrs) | Finance |
| MGMT 3720 (3 hrs) | Organizational Behavior |
| BUSI 4940* (3 hrs) | Business Policy |

* Requirements for enrollment in BUSI 4940: completion of all other business foundation courses w/C or higher, sr. status, and graduating semester .

Professional Field and Supporting Field Courses (33 hours)

| | |
|--------------------|---|
| BCIS 3630 (3 hrs) | Object-Oriented Programming for Business |
| BCIS 3680 (3 hrs) | Enterprise-Oriented Programming |
| BCIS 4610 (3 hrs) | Analysis of Business Information Systems |
| BCIS 4620 (3 hrs) | Introduction to Database Applications |
| BCIS 4630 (3 hrs) | Fundamentals of Information Technology Security |
| BCIS 4680 (3 hrs) | Business Data Communication and Networking |
| BCIS 4690* (3 hrs) | Information Technology Management |
| BCIS 4720 (3 hrs) | Web Based Information Technologies |

Select three courses from the following:

| | |
|-----------|---|
| BCIS 3620 | Mainframe Concepts |
| BCIS 3690 | Advanced Mainframe |
| BCIS 4640 | Administrative Problems in Info. Systems |
| BCIS 4650 | Visual Programming for Bus. Applications |
| BCIS 4660 | Introduction to Data Warehousing |
| BCIS 4670 | Cont. Seminar in Computer-Based Info. Sys. |
| BCIS 4700 | Problem Solving & Decision Making Process |
| BCIS 4710 | Object-Oriented Methodologies |
| BCIS 4740 | Administration & Policy in Information Security |
| DSCI 4520 | Introduction to Data Mining |

*Must be taken in graduating semester after all other business foundation courses have been completed with a grade of "C" or higher.

Note: A grade of "C" or higher is required in all Business Foundation, Professional Field, and Supporting Field courses.

A 2.7 overall UNT GPA and a grade of "C" or higher in all previous BCIS courses is required to enroll in an upper level BCIS courses.

A 2.7 UNT, 2.0 Overall, and 2.7 Professional/Supporting Field GPA is required for graduation.

For more information on careers and companies recruiting graduates from this program, contact The Career Center at (940) 565-2105



www.cob.unt.edu/programs/undergrad/

Suggested Curriculum Guide for BS in Business Computer Information Systems 2014-2016 Catalog

| YEAR | FALL SEMESTER | HOURS | SPRING SEMESTER | HOURS |
|-----------------|--|-----------|---|-----------|
| FRESHMAN | English (ENGL 1310) | 3 | English (TECM 2700 or ENGL 1320)** | 3 |
| | Univ. Core Mathematics (Prerequisite course to Math 1190, if required, or MATH 1190)** | 3 | Mathematics (MATH 1190)** | 3 |
| | Life and Physical Science | 3 | Government/Political Science (PSCI 1040 or 1050) | 3 |
| | Government/Political Science (PSCI 1040 or 1050) | 3 | Economics (ECON 1100) | 3 |
| | Discovery (BUSI 1340 recommended) | 3 | Intro to Computers in Business (BCIS 2610) | 3 |
| | Total | 15 | Total | 15 |

| YEAR | FALL SEMESTER | HOURS | SPRING SEMESTER | HOURS |
|------------------|----------------------------------|-----------|--|-----------|
| SOPHOMORE | Language, Philosophy and Culture | 3 | Life and Physical Science | 3 |
| | American History (HIST 2610) | 3 | Speech (COMM 1010)** or TECM 2700** | 3 |
| | Economics (ECON 1110)** | 3 | American History (HIST 2620) | 3 |
| | Accounting (ACCT 2010) | 3 | Accounting (ACCT 2020) | 3 |
| | Creative Arts | 3 | Data Analysis with Spreadsheets (DSCI 2710) | 3 |
| | Total | 15 | Total | 15 |

| YEAR | FALL SEMESTER | HOURS | SPRING SEMESTER | HOURS |
|---------------|---|-----------|--|-----------|
| JUNIOR | Basic Information Systems (BCIS 3610) * | 3 | Analysis of Business Information Systems (BCIS 4610) | 3 |
| | Visual Display of Business information (BCIS 3615) * | 3 | Introduction to Database Applications (BCIS 4620) | 3 |
| | Business Statistics or Management Science (DSCI 3710 or 3870) * | 3 | Enterprise Oriented Programming (BCIS 3680) | 3 |
| | Object Oriented Programming for Business (BCIS 3630) | 3 | BCIS Elective | 3 |
| | Legal and Ethical Environment of Business (BLAW 3430) * | 3 | Foundations of Marketing Practice (MKTG 3650) * | 3 |
| | Total | 15 | Total | 15 |

| YEAR | FALL SEMESTER | HOURS | SPRING SEMESTER | HOURS |
|---------------|--|-----------|--|-----------|
| SENIOR | Fundamentals of Information Security (BCIS 4630) | 3 | Business Policy (BUSI 4940—Capstone)** | 3 |
| | Distributed Systems and Teleprocessing (BCIS 4680) | 3 | Information Technology Management (BCIS 4690) | 3 |
| | BCIS Elective | 3 | Web Based Information Technologies (BCIS 4720) | 3 |
| | Finance (FINA 3770) * | 3 | BCIS Elective | 3 |
| | Organizational Behavior (MGMT 3720) * | 3 | Free Elective | 3 |
| | Total | 15 | Total | 15 |

*Business foundation courses. These must be completed with a grade of C or higher prior to enrolling in BUSI 4940.

** Courses that will fulfill university core and pre-business requirements. Courses used to fulfill both University and College requirements will increase number of required free electives to reach 120 hours minimum for graduation. Consult your advisor for questions on number of free electives needed.

- This schedule is only a suggestion; make sure you understand the necessary prerequisites for each course and consult the Academic Advising and Student Services Office. Course availability subject to change; actual degree audits may change depending on course availability in a given semester.
- **Bolded courses** are pre-business prerequisites to all jr./sr. level business courses and require a grade of C or higher. Math placement is required before enrolling in any MATH course.
- Completion of all pre-business prerequisite courses and a UNT cumulative 2.7 minimum gpa are required prior to enrolling in any jr./sr. level business courses and/or filing for an official degree plan.
- A total of 120 credit hours are required for this degree. GPA requirements for graduation: 2.7 UNT cumulative, 2.7 Professional Field, and 2.0 Overall.