

DEPARTMENT OF BUSINESS INFORMATION SYSTEMS & ANALYTICS

BACHELOR OF SCIENCE IN BUSINESS INFORMATION TECHNOLOGY

Curriculum Guide 2020-2021

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|----------------------|---------------------|
| Student: | Student Number: |
| Online or Campus | Advisor: |
| Date First Enrolled: | Date of Last Audit: |

| Grade | Course | CR | Grade | Course | CR |
|----------------------------------|--|----|-------------------------------------|--|----|
| FRESHMAN: First Semester | | | FRESHMAN: Second Semester | | |
| | MATH 111 College Algebra & Trigonometry ¹ | 4 | | MATH 112 Calculus for Business and Tech | 4 |
| | ENGL 100 Ideas and Their Expressions I | 3 | | ENGL 101 Ideas and Their Expressions II | 3 |
| | Science Elective w/Lab ² | 4 | | Science Elective ² | 3 |
| | MGMT 110 Business Environment (MGMT 220) | 3 | | BTEC 110 Business Computer Apps (BUED 110) | 3 |
| | FRST 101 College Success | 1 | | African American Elective ³ | 3 |
| SOPHOMORE: First Semester | | | SOPHOMORE: Second Semester | | |
| | ACCT 221 Principles of Accounting I | 3 | | ACCT 222 Principles of Accounting II | 3 |
| | ECON 200 Principles of Economics, Micro ⁴ | 3 | | ECON 201 Principles of Economics, Macro | 3 |
| | ECON 206 Statistics for Decision Making | 3 | | MGMT 201 Principles of Mgmt (MGMT 422) | 3 |
| | BUAN 132 Intro to Mgmt Info Syst (MGMT 132) | 3 | | MKTG 230 Marketing Concepts (MKTG 430) | 3 |
| | Humanities/Fine Arts Elective ⁵ | 3 | | Global Awareness Elective ⁶ | 3 |
| JUNIOR: First Semester | | | JUNIOR YEAR: Second Semester | | |
| | BTEC 298 Internship I ⁷ (BUED 298) | 1 | | HPED Elective | 1 |
| | MGMT 260 Business Communication (BUED 260) | 3 | | FIN 343 Principles of Finance (FIN 253/453) | 3 |
| | BTEC 342 Business Programming (BUED 342) | 3 | | MGMT 303 Legal Envrnmnt of Bus (MGMT 361) | 3 |
| | MGMT 315 Management Science I (MGMT 481) | 3 | | BUAN 335 Mgmt of Info Resources (MGMT 335) | 3 |
| | Information Technology Elective ⁸ | 3 | | Information Technology Elective ⁸ | 3 |
| | Information Technology Elective ⁸ | 3 | | Information Technology Elective ⁸ | 3 |
| SENIOR: First Semester | | | SENIOR: Second Semester | | |
| | BTEC 400 Bus Reports & Presentat (BUED 400) | 3 | | BTEC 447 Adv. Bus Computer Applic ^{**} (BUED 447) | 3 |
| | BTEC 444 Data Comm & Networks* (BUED 444) | 3 | | BTEC 468 Bus Resrch Methds/Tech ^{**} (BUED 468) | 3 |
| | BTEC 485 Special Topics in Bus IT * (BUED 485) | 3 | | MGMT 495 Strategic Mgmt (MGMT 520) | 3 |
| | Free Elective ⁹ | 3 | | Free Elective ⁹ | 3 |
| | Free Elective ⁹ | 3 | Total Credit Hours: 120 | | |

*Only offered in the Fall Semester

**Only offered in the Spring semester.

¹ MATH 111 can be replaced with MATH 103 and MATH 104 (combined); MATH 101E might be a prerequisite based on SAT/ACT math scores.

² Recommended science electives include BIOL 100 (4 credits) and ASME 234 or ENVS 201; see the approved General Education list for options.

³ African-American electives include ENGL 333, ENGL 334, LIBS 202, HIST 103, HIST 106, HIST 107, or MUSI 220.

⁴ ECON 200 fulfills the General Education Social and Behavioral Sciences requirement.

⁵ Recommended Humanities/Fine Arts elective is PHIL 201, Business Ethics; see the approved General Education list for other options.

⁶ Global Awareness electives include MGMT 221 (recommended), PHIL 103, PHIL 201, HIST 130, HIST 206, HIST 207, HIST 216, or HIST 231.

⁷ BTEC 298 requires 100 internship hours in a business or IT-related position (or documentation of at least two years of related work experience).

⁸ See the Department's list of recommended IT electives.

⁹ Free electives include any three-credit undergraduate course at or above the 100 level.

MAJOR PROGRAM REQUIREMENTS

Students must earn a C or better (not C-) in the following courses:

| GENERAL EDUCATION COURSES | | | | | |
|--|---|----|-------|---|----|
| Grade | Course | CR | Grade | Course | CR |
| | ENGL 100 Ideas and Their Expressions I | 3 | | MATH 111 College Algebra & Trigonometry | 4 |
| | ENGL 101 Ideas and Their Expressions II | 3 | | MATH 112 Calculus for Non-Math Majors | 4 |
| CORE COURSES — COLLEGE OF BUSINESS AND ECONOMICS | | | | | |
| Grade | Course | CR | Grade | Course | CR |
| | ACCT 221 Principles of Accounting I | 3 | | MGMT 110 Business Environment | 3 |
| | ACCT 222 Principles of Accounting II | 3 | | BUAN 132 Intro Mgmt Info Systems | 3 |
| | MGMT 260 Business Communication | 3 | | MGMT 201 Principles of Mgmt | 3 |
| | ECON 200 Principles of Economics, Micro | 3 | | MGMT 303 Legal Envrnmt of Bus | 3 |
| | ECON 201 Principles of Economics, Macro | 3 | | MGMT 315 Management Science | 3 |
| | ECON 206 Statistics for Decision Making | 3 | | MGMT 495 Strategic Management | 3 |
| | FIN 343 Business Finance | 3 | | MKTG 230 Marketing Concepts | 3 |
| CONCENTRATION COURSES — INFORMATION TECHNOLOGY | | | | | |
| Grade | Course | CR | Grade | Course | CR |
| | BTEC 110 Business Computer Apps | 3 | | BTEC 468 Business Research Methods/Tech | 3 |
| | BTEC 342 Business Programming | 3 | | BTEC 485 Special Topics in Business IT | 3 |
| | BTEC 400 Business Reports and Presentations | 3 | | BUAN 132 Intro Mgmt Info Systems | 3 |
| | BTEC 444 Data Communications & Networks | 3 | | BUAN 335 Mgmt of Info Resources | 3 |
| | BTEC 447 Advanced Bus. Computer Apps | 3 | | Information Technology Elective | 3 |

ADDITIONAL REQUIREMENTS

PREREQUISITES. Follow the sequence of the curriculum guide to ensure prerequisites are met. Many online course sections are often offered only once a year, requiring online students to carefully plan their matriculation to graduate on time.

| COURSE | PREREQUISITE (<i>requires C or better, not C-</i>) |
|---|--|
| <i>NOTE: If prerequisites change, you are required to meet the newer prerequisites.</i> | |
| ACCT 221 | MGMT 110 |
| ACCT 222 | ACCT 221 |
| BTEC 342 | BUAN 132 |
| BTEC 400 | BTEC 260, ECON 206 |
| BTEC 444 | BTEC 110, BUAN 132 |
| BTEC 447 | BTEC 110 |
| BTEC 468 | BTEC 260, ECON 206 |
| BTEC 485 | BUAN 132 or ECT 201 or GEEN 163 |
| BUAN 132 | MGMT 110 |
| ECON 206 | MATH 112 or MATH 131 |
| ENGL 101 | ENGL 100 |
| FIN 343 | MATH 112, ACCT 221 |
| MATH 112 | MATH 111 or MATH 103/104 combination |
| MGMT 201 | Sophomore standing |
| MGMT 260 | ENGL 101 |
| MGMT 315 | MATH 112 and ECON 206 |
| MGMT 335 | BUAN 132 |
| MGMT 495 | ACCT 222, FIN 343, MGMT 201, MKTG 230 |

GRADUATION REQUIREMENTS. If all requirements are not completed within six years after admission, the student is expected to conform to the University Bulletin requirements specified for the class with which graduation is anticipated. To graduate, students must earn a minimum of 120 semester hours in the specified curriculum, excluding deficiency and/or remedial courses, with a cumulative grade point average of 2.00 or better for all courses taken.

WITHDRAWALS/REPEATS. Students may withdraw from a total of only 16 credits throughout their entire degree. Students may also repeat a total of 16 graded credits throughout their entire degree. Withdrawals do not count as repeats; however, transferred courses do count as repeats.

INTERNSHIP CREDIT (BUED 298). Students with more than two years of full-time work experience in a business or IT position can request that the internship course requirements be waived if they can provide a letter of documentation from their employer. However, they must still register for BUED 298 so the credit appears on their transcript.

QUESTIONS OR CONCERNS. Seek assistance from your assigned academic advisor or chairperson in the Department of Business Education (324 Merrick Hall, 336-334-7657, bueddept@ncat.edu).