

MANAGEMENT INFORMATION SYSTEMS (BBA) BUSINESS ANALYTICS

Degree: Bachelor of Business Administration

Major: Management Information Systems

Concentration: Business Analytics

Total Hours: 120

| Code | Title | Hours |
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| General Education Core Curriculum | | |
| <i>Communication</i> | | |
| ENGL 1301 | Composition I | 3 |
| COMM 1321 | Business and Professional Speech | 3 |
| <i>Mathematics</i> | | |
| MATH 1324 | Mathematics for Business and Social Sciences | 3 |
| <i>Life and Physical Sciences</i> | | |
| Select two of the following: | | 6 |
| BIOL 1308 | General Biology (Non-Science Majors) | |
| BIOL 1315 | Plants and Human Society (Non-Majors) | |
| BIOL 2306 | Environmental Science | |
| CHEM 1306 | Chemistry for Allied Health Sciences | |
| CHEM 1308 | Biochemistry for Allied Health Sciences | |
| CHEM 1311 | General Chemistry I | |
| CHEM 1312 | General Chemistry II | |
| GEOL 1390 | Introductory Environmental & Physical Geology | |
| PHYS 1305 | Elementary Physics I Lecture | |
| PHYS 1307 | Elementary Physics II Lecture | |
| PHYS 1311 | Introduction to Astronomy Lecture | |
| SPSC 1301 | Space Exploration | |
| <i>Language, Philosophy and Culture</i> | | |
| ENGL 2300 | Ethics and Literature | 3 |
| or PHIL 2306 | Ethics | |
| <i>Creative Arts</i> | | |
| Select one of the following: | | 3 |
| ARTS 1301 | Art Appreciation | |
| ARTS 1303 | Art History I | |
| COMM 1375 | Film Appreciation | |
| COSC 1324 | The Art of Computer Game Development | |
| DANC 2303 | Dance Appreciation | |
| MUSI 1306 | Music Appreciation | |
| MUSI 1309 | Jazz History and Appreciation | |
| MUSI 1310 | History of Rock and Roll | |
| PHIL 1330 | Arts and Ideas | |
| THEA 1310 | Theatre Appreciation | |
| <i>American History</i> | | |
| Select two of the following: | | 6 |
| HIST 1301 | U S History I 1763-1877 | |
| HIST 1302 | U S History II Since 1877 | |

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| HIST 2301 | Texas History | |
| <i>Government/Political Science</i> | | |
| POLS 2301 | Intro to American Government I | 3 |
| POLS 2302 | Intro/American Government II | 3 |
| <i>Social and Behavioral Sciences</i> | | |
| Select one of the following: | | 3 |
| ECON 2301 | Principles of Economics I Macro | |
| or ECON 2302 | Principles of Economics II Micro | |
| <i>Component Area Option</i> | | |
| ENGL 1302 | Composition II | 3 |
| BUAL 2305 | Business Statistics | 3 |
| Required Major Courses | | |
| <i>College of Business Core</i> | | |
| BULW 1370 | Business Environment and Public Policy | 3 |
| BULW 3310 | Business Law | 3 |
| MGMT 3300 | Introduction to Critical Thinking and Business Decision Making | 3 |
| FINC 3310 | Principles of Finance | 3 |
| MGMT 3310 | Principles of Organizational Behavior and Management | 3 |
| MGMT 3320 | Production Management | 3 |
| MISY 3310 | Principles of MIS | 3 |
| MKTG 3310 | Principles of Marketing | 3 |
| MGMT 4370 | Strategic Analysis | 3 |
| <i>College of Business Lower-Level Courses</i> | | |
| ACCT 2301 | Introduction to Financial Accounting | 3 |
| ACCT 2302 | Introduction to Managerial Accounting | 3 |
| ECON 2301 | Principles of Economics I Macro | 3 |
| or ECON 2302 | Principles of Economics II Micro | |
| MISY 1373 | Introduction to Business Technologies | 3 |
| <i>Major Specialization Courses</i> | | |
| Required MIS Courses | | |
| MISY 3340 | IS Infrastructure | 3 |
| MISY 3370 | IS Analysis and Design | 3 |
| MISY 4350 | Project Management & Practice | 3 |
| MISY 4380 | IS Development | 3 |
| Business Analytics Courses - four from: | | 12 |
| MISY 3300 | Database Foundations ¹ | |
| MISY 3321 | Spreadsheets for Business Analytics | |
| MISY 3330 | Database Design ¹ | |
| MISY 3341 | Data Visualization | |
| MISY 3350 | Programming for Business Analytics | |
| MISY 3380 | Database Programming ¹ | |
| MISY 3390 | Data Mining | |
| MISY 4340 | Business Intelligence and Analytics | |
| MISY 4370 | ERP Overview | |
| ECON 4370 | Economics Analysis | |
| MKTG 4380 | Marketing Analytics | |
| <i>International/Cultural Component</i> | | |
| Select one of the following: | | 3 |
| BULW 3350 | International Business Law | |
| ECON 3350 | International Trade | |

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| FINC 3370 | International Finance | |
| MGMT 3350 | International Business | |
| MKTG 4330 | International Marketing | |
| Any course that is taken on a Lamar#sponsored study abroad program | | |
| Any course transferred from an institution with a study#abroad agreement with Lamar | | |
| Electives | | |
| Free or Business Elective Courses | | 12 |
| Total Hours | | 120 |

¹ No more than two of these courses may be taken to complete this requirement.

| Course | Title | Hours |
|----------------------------|--|-----------|
| First Year | | |
| Fall | | |
| MISY 1373 | Introduction to Business Technologies | 3 |
| ENGL 1301 | Composition I | 3 |
| Life/Physical Sciences | | 3 |
| HIST 1301 | U S History I 1763-1877 | 3 |
| Creative Arts | | 3 |
| Hours | | 15 |
| Spring | | |
| MATH 1324 | Mathematics for Business and Social Sciences | 3 |
| BULW 1370 | Business Environment and Public Policy | 3 |
| ENGL 1302 | Composition II | 3 |
| Life/Physical Sciences | | 3 |
| HIST 1302 | U S History II Since 1877 | 3 |
| Hours | | 15 |
| Second Year | | |
| Fall | | |
| BUAL 2305 | Business Statistics | 3 |
| ECON 2301 | Principles of Economics I Macro | 3 |
| ACCT 2301 | Introduction to Financial Accounting | 3 |
| MISY 3310 | Principles of MIS | 3 |
| ENGL 2300 or PHIL 2306 | Ethics and Literature or Ethics | 3 |
| Hours | | 15 |
| Spring | | |
| COMM 1321 | Business and Professional Speech | 3 |
| ECON 2302 or ECON 2301 | Principles of Economics II Micro or Principles of Economics I Macro | 3 |
| ACCT 2302 | Introduction to Managerial Accounting | 3 |
| MISY 3340 | IS Infrastructure | 3 |
| MGMT 3300 | Introduction to Critical Thinking and Business Decision Making | 3 |
| Hours | | 15 |
| Third Year | | |
| Fall | | |
| FINC 3310 | Principles of Finance | 3 |
| Business Analytics Courses | | 6 |
| MGMT 3310 | Principles of Organizational Behavior and Management | 3 |
| POLS 2301 | Intro to American Government I | 3 |
| Hours | | 15 |
| Spring | | |
| BULW 3310 | Business Law | 3 |
| MKTG 3310 | Principles of Marketing | 3 |
| MGMT 3320 | Production Management | 3 |
| Business Analytics Course | | 3 |

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| POLS 2302 | Intro/American Government II | 3 |
| Hours | | 15 |
| Fourth Year | | |
| Fall | | |
| MISY 3370 | IS Analysis and Design | 3 |
| MISY 4380 | IS Development | 3 |
| Electives | | 6 |
| International Requirement | | 3 |
| Hours | | 15 |
| Spring | | |
| MGMT 4370 | Strategic Analysis | 3 |
| Business Analytics Course | | 3 |
| MISY 4350 | Project Management & Practice | 3 |
| Electives | | 6 |
| Hours | | 15 |
| Total Hours | | 120 |