# Department of Business Informatics

## COLLEGE OF INFORMATICS
### COMPUTATION ■ INFORMATION ■ COMMUNICATION

**Bachelor of Science in:**
**Business Information Systems**

**For Students Following the:**
**2017-2018 catalog**
☐ **BIS 101 Completed**

| Name: |
|---|
| Student ID: |
| Catalog Year: |

| PRE-MAJOR COURSES (30 Hours) | | | | | OFFICE USE ONLY |
|---|---|---|---|---|---|
| **Course** | **Pre-req** | **Credits** | **Term** | **Grade** | **Approved Exceptions** |
| ACC 200** Principles of Accounting I - Financial | Sophomore Standing & BIS 101 & College Level Math & ACC 200L Co-req | 3 | | | **Successful ACC 200 CLEP** |
| ACC 201** Principles of Accounting II - Managerial | ACC 200 & Sophomore Standing | 3 | | | |
| BUS 230** Legal Environment | Sophomore Standing | 3 | | | **Successful BUS 230 CLEP** |
| ECO 200** Principles of Macroeconomics | College Level Math | 3 | | | **Successful ECO 200 CLEP** |
| ECO 201** Principles of Microeconomics | College Level Math | 3 | | | **Successful ECO 201 CLEP** |
| ENG 101 College Writing | ENGD090, ENGI099 and or RDG 091 or placement | 3 | | | **Successful ENG 101 CLEP** |
| ENG 291 Advanced College Writing | ENG 101 | 3 | | | |
| CMST101 Public Speaking **OR** CMST110 Intro to Communication Studies | | 3 / 3 | | | |
| MAT 114 Finite Mathematics | MAT 109 | 3 | | | |
| STA 212 Statistics for Business Applications I | MAHD092, MAD095, MAHD099, or placement | 3 | | | **STA 205 per FB or Successful STA 205 DSST** |

| INFORMATION SYSTEMS CORE COURSES (42 Hours) | | | | | OFFICE USE ONLY |
|---|---|---|---|---|---|
| **Course** | **Pre-req** | **Credits** | **Term** | **Grade** | **Approved Exceptions** |
| MAT 109 Algebra for College Students | MAHD099 or placement | 3 | | | **Successful MAT 109 CLEP** |
| BIS 380 Quantitative Analysis with Excel | BIS 300 & STA 205 or STA 212 or STA 250 | 3 | | | |
| MGT 300 Behavior in Organizations | Junior Standing | 3 | | | |
| MGT 490 Business Policy | MGT 300, FIN 305, MGT 305, MKT 205 or MKT 305, Senior Standing, & Certified Major | 3 | | | |
| BUS 330 Ethics: Managerial Decision Making | BUS 230 & Junior Standing | 3 | | | |
| ECO 305 Foundations of International Business | ECO 200 | 3 | | | |
| INF 110 Introduction to Application Development | | 3 | | | **INF 120 per FB or Successful INF 120 CPLE** |
| INF 282 Introduction to Databases | MAHD099 (≥ C) | 3 | | | |
| INF 284 Introduction to Networks & Data Communication | MAT 109 & INF 110 or INF 120 or CIT 130 | 3 | | | |

| Course | | Pre-req | Credits | Term | Grade | Approved Exceptions |
|---|---|---|---|---|---|---|
| INF 286 | Introduction to Web Development | MAT 109 & INF 110 or INF 120 or CSC 260 | 3 | | | **Successful INF 286 Competency Exam** |
| BIS 305 | Advanced Business Programming | INF 110 or INF 120 | 3 | | | |
| BIS 310 | Information Systems Analysis | INF 110 or INF 120 & Junior Standing | 3 | | | |
| BIS 330 | IT Project Management | BIS 275 or BIS 300 | 3 | | | |
| BIS 485 | Strategic Information Systems Management | BIS 300, BIS 310, & BIS 330 | 3 | | | |

| ELECTIVE COURSES - SEE TRACKS BELOW (9 Hours) | | | | | | OFFICE USE ONLY |
|---|---|---|---|---|---|---|
| **Course** | | **Pre-req** | **Credits** | **Term** | **Grade** | **Approved Exceptions** |
| BIS 3xx-4xx | | | 3 | | | |
| BIS 3xx-4xx | | | 3 | | | |
| BIS 3xx-4xx | | | 3 | | | |

| TRACKS | |
|---|---|
| **Track Name** | **Courses** |
| **Business Analytics** | BIS 364 - Visualizing Data for Business Analysis |
| | BIS 384 - Business Analytics |
| | BIS 420 - Business Intelligence and Enterprise Applications |
| **Information Assurance** | BIS 382 - Principles of Information Security |
| | ACC 310 - Accounting Information Systems |
| | ACC 330 - Fraud Examination |
| **Computer Security** | CIT 371 - Unix Systems |
| | CIT 480 - Securing Computer Systems |
| | *Select one of the following courses:* |
| | CIT 430 - Computer Forensics |
| | CIT 481 - Cybersecurity Capstone |
| **Collaboration Systems** | BIS 373 - Collaboration Systems Development with SharePoint |
| | *Select two of the following courses:* |
| | CMST381 - Computer-Mediated Communication |
| | CMST303 - Organizational Communication |
| | CMST335 - Communication and Conflict |
| **Healthcare Information Systems** | HIN 355 - Foundations of Health Informatics |
| | HIN 356 - Health Information Management |
| | HIN 396 - Applied Health Informatics |
| **Non-Specific** | See list of courses in 2017-2018 catalog |

| REMAINING BUSINESS MINOR COURSES (12 Hours plus **Pre-major courses) | | | | | | OFFICE USE ONLY |
|---|---|---|---|---|---|---|
| **Course** | | **Pre-req** | **Credits** | **Term** | **Grade** | **Approved Exceptions** |
| FIN 305 | Principles of Finance | STA 205 or STA 212 & ACC 200, ACC 201, & Junior Standing | 3 | | | |
| BIS 300 | Management Information Systems | Junior standing, STA 212 or STA 205 or STA 250 or BIS 275 & BIS 101 or equivalent transfer work or placement | 3 | | | **Successful BIS 300 DSST** |
| MGT 305 | Operations Management in Business | STA 205 or STA 212 & MAT 114 & Junior Standing | 3 | | | |
| MKT 205 | Principles of Marketing | Sophomore Standing | 3 | | | **Successful MKT 205 CLEP** |

Students must earn a grade of C- or better in all courses that apply to the major and minor and earn and major and minor GPA of 2.00 or higher.
Please consult with your advisor and the appropriate University Course Catalog for all other degree requirements.