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<th>BSIT-Concentration (12 hours each)</th>
<th>Required course(s)</th>
<th>Elective Courses</th>
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<th>Required course(s)</th>
<th>Elective Courses</th>
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| **Business Application Development** | MIS 419 IT Project Management (co-/prereq MIS 411) | Choose 3 courses from:  
MIS 328 Applications Lifecycle Management (prereq MIS 316)  
MIS 331 Mobile Applications Development (prereq MIS 310, MIS 316)  
MIS 364 Web Application Security (prereqs CSC 131, MIS 324, MIS 352)  
MIS 413 Systems Design (prereqs MIS 316, MIS 411)  
CSC 331 Object-Oriented Programming and Design (prereq CSC 231 w/Grade of C or better)  
CSC 315 Mobile Application Development (prereq CSC 331 w/grade of C or better)  
MIS 491 Directed Individual Study*  
MIS 495 Seminar in Information Systems*  
MIS 498 Internship in Information Systems*  
*with Business Application Development focus | **Business Data Management** | MIS 327 Data Center Management (prereq MIS 213) | Choose 3 courses from:  
BAN 300 Introduction to Business Analytics (prereq BAN 280 or STT 215)  
BAN 301 Descriptive Analysis (prereq BAN 280 or STT 215)  
BAN 302 Predictive Analysis (prereq BAN 280 or STT 215)  
BAN 303 Prescriptive Analysis (prereq BAN 280 or STT 215)  
BAN 400 Big Data Analytics (prereq BAN 280 or STT 215)  
MIS 322 Information Assurance and Security (prereq MIS 213 or CIT 110)  
MIS 329 Reporting and Business Intelligence (prereq MIS 315)  
MIS 330 Data Storage and Management (prereqs MIS 315 and 327)  
MIS 491 Directed Individual Study*  
MIS 495 Seminar in Information Systems*  
MIS 498 Internship in Information Systems*  
*with Business Data Management focus |
| **Computer Science (anticipated for 2020)** | CSC 231 Introduction to Data Structures (coreq CSC 133, prereq CSC 131 w/Grade of C or better)  
CSC 331 Object-Oriented Programming and Design (prereq CSC 231 w/Grade of C or better) | Choose 2 courses from:  
CSC 315 Mobile Application Development (prereq CSC 331 w/grade of C or better)  
CSC 365 Client-Side Web Development (prereq CSC 231 w/grade of C or better)  
CSC 455 Database Design and Implementation (prereq CSC 331 w/Grade of C or better)  
CSC 465 Server-Side Web Development (prereq CSC 365 and CSC 455 or permission of instructor) | **Cyber Security** | MIS 322 Information Assurance and Security (prereq MIS 213 or CIT 110)  
MIS 365 Ethical Hacking (prereqs MIS 324, MIS 352) | Choose 2 courses from:  
MIS 362 Information Assurance Policy (prereq MIS 322)  
MIS 363 Advanced Telecommunications (prereq MIS 320)  
MIS 364 Web Application Security (prereqs CSC 131, MIS 324, MIS 352)  
MIS 366 Digital Forensics (prereqs MIS 324, MIS 352)  
MIS 367 Emerging Network Technologies (prereq MIS 320)  
MIS 491 Directed Individual Study*  
MIS 495 Seminar in Information Systems*  
MIS 498 Internship in Information Systems*  
*with Cyber Security focus |

**Notes:** Up to 3 hours (1 course) can be applied to two concentrations. A General IT concentration is available (4 CIT, CSC, MIS courses at 300-level or higher) for students who are unable to satisfy the requirements of the other IT concentrations, requires prior approval of the Dean's office.