

Central Michigan University
 College of Business Administration: *Bachelor of Science in Business Administration Degree*
Information Systems: Option B Cybersecurity 2020-21
 Contact the Business Information Systems Department: Grawn 305, (989) 774-3554 to declare this major

Courses for the BS in BA Degree are completed in a specific sequence. See advisor.

<u>FIRST SEMESTER</u>		<u>SECOND SEMESTER</u>	
* BUS 100 Essential Business Skills 3 cr MTH 107 College Algebra (<i>if needed</i>) 3 cr _____ Competency (ENG 101) 3 cr _____ University Program 3 cr _____ WI University Program 3 cr		* BIS 101WI Essential Bus. Communications Skills 3 cr * ECO 202 Microeconomics (UP IIB) or ECO 203 3 cr * MTH 217 Bus. Calculus or MTH 132 Calc. I (UP IIB) 4 cr _____ University Program 3 cr _____ Competency (Oral English) 3 cr	
<u>THIRD SEMESTER</u>		<u>FOURTH SEMESTER</u>	
* ACC 250 Intro to Financial Accounting 3 cr * ECO 204 Principles of Macro/Global Economics 3 cr * BLR 235 Business Law (<i>some sections offered WI</i>) 3 cr * STA 282QR Intro to Statistics or STA 382QR (UP IIB) 3 cr _____ Competency (ENG 201) 3 cr	Must earn a minimum 2.50 overall GPA to enroll in ACC 255, BIS 255 & MGT 258. Final MTH/STA course may be taken in this semester.		
<div style="background-color: #333; color: white; padding: 5px; margin-bottom: 5px;"> Students earn Admission when they have: <ul style="list-style-type: none"> Completion of the courses above in bold, A minimum 2.0 GPA average in the courses marked with *, and A minimum overall CMU GPA of 2.50. </div> FIN 302 Integrated Financial Analysis 3 cr MGT 303 Integrated Supply Chain Management 3 cr MKT 304 Integrated Marketing Management 3 cr BIS 228 Applications Development 3 cr BIS 380 Enterprise Architecture 3 cr		ACC 255 Managerial Accounting & Decision Making 3 cr BIS 255 Information Systems 3 cr MGT 258 Effective Mgt. of Human Resources 3 cr BUS 300QR Bus Stats -or- BUS 503QR Lean Six Sigma 3 cr _____ University Program 3 cr	
<u>FIFTH SEMESTER</u>		<u>SIXTH SEMESTER</u>	
FIN 302 Integrated Financial Analysis 3 cr MGT 303 Integrated Supply Chain Management 3 cr MKT 304 Integrated Marketing Management 3 cr BIS 228 Applications Development 3 cr BIS 380 Enterprise Architecture 3 cr		BUS 301 Integrated Business Experience 3 cr BIS 420 Systems Analysis & Design 3 cr PHL 318 Business Ethics 3 cr _____ WI University Program 3 cr _____ University Program 3 cr	
Students may enroll in FIN 302, MGT 303 & MKT 304 if they have earned Admission and have completed ACC 255, BIS 255 & MGT 258.			
<u>SEVENTH SEMESTER</u>		<u>EIGHTH SEMESTER</u>	
BIS 422 Database Management Systems 3 cr BIS 512 Cybersecurity Analysis 3 cr _____ University Program 3 cr _____ University Program (<i>if needed</i>) 3 cr _____ University Program 3 cr _____ (may need an additional WI course)		MGT 499 Integrated Capstone-Strategic Mgt. 3 cr BIS 425 Information Systems Development Project 3 cr _____ Major Elective (See below) 3 cr _____ Major Elective (See below) 3 cr	

Business Student Services • Grawn 113 • 989.774.3124 • website: cba.cmich.edu • email: cba@cmich.edu

Prerequisites

- BIS 255 → **BIS 380**
- BIS 255 → **BIS 420**
- BIS 228 → **BIS 422**
- BIS 420 & BIS 422 → **BIS 425**
- STA 282QR, BUS 300QR, or BUS 503 & 56 credits → **BIS 580**
- BUS 300QR or BUS 503QR, BUS 301, FIN 302, MGT 303, MKT 304 → **MGT 499**

Major specific details

Option B Cybersecurity:
 BIS 512 and choose 2 of the following:
 BIS 521, BIS 523, BIS 525

Graduation Requirements

- 120-124 credits—based on bulletin year
- 40 credits at the 300 level or above
- Minimum 2.0 cumulative GPA
- 30 credits minimum completed from CMU
- 60 academic credits from an accredited 4-yr institution
- Only 6 credits from PED & RLA count towards graduation

Apply for graduation online at **Degree Progress** two semesters before you plan to graduate using the graduation tab.

Apply by: Oct. 1 for May grad.,
 Feb. 1 for Aug. grad., and Apr. 1 for Dec. grad.

Degree Progress

Students are strongly encouraged to pay attention to prerequisites, keep track of course offerings, review requirements in Degree Progress, and meet with an academic advisor on a regular basis.

Login to **Handshake** at careers.cmich.edu for:
 Internship & Job Postings • Mock Interview Program
 Employer Database of Contacts • On-Campus Interviews
 Capital City Internship Program • Calendar of Career Events

Additional Credits

Students may need additional courses to reach the graduation requirement and 40 credits at the 300 level or above.

Offerings

Some upper level major courses may only be offered in fall or spring. Please consult with the department of your major.

Study Abroad

UP Group IVB can be fulfilled with an approved study abroad experience.