Central Michigan University
College of Business Administration: *Bachelor of Science in Business Administration Degree*

Information Systems 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.

FIRST SEMESTER

***BUS 100**	**Essential Business Skills**	**3 cr**
MTH 107	College Algebra *(if needed)*	3 cr
_____	Competency (ENG 101)	3 cr
_____	University Program	3 cr
_____WI	University Program	3 cr

SECOND SEMESTER

***BIS 101WI**	**Essential Bus. Communications Skills**	**3 cr**
***ECO 202**	**Microeconomics (UP IIIB) 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

THIRD SEMESTER

***ACC 250**	**Intro to Financial Accounting**	**3 cr**
***ECO 204**	**Principles of Macro/Global Economics**	**3 cr**
***BLR 235**	**Business Law** *(some sections offered WI)*	**3 cr**
***STA 282QR**	**Intro to Statistics or STA 382QR (UP IIB)**	**3 cr**
_____	Competency (ENG 201)	3 cr

Students earn Admission when they have:
- *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.*

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.

FOURTH SEMESTER

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

FIFTH SEMESTER

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

Students may enroll in FIN 302, MGT 303 & MKT 304 if they have earned Admission and have completed ACC 255, BIS 255 & MGT 258.

SIXTH SEMESTER

BUS 301	Integrated Business Experience	3 cr
BIS 420	Systems Analysis & Design	3 cr
PHL 318	Business Ethics	3 cr
_____	Major Elective (see bulletin)	3 cr
_____WI	University Program	3 cr

SEVENTH SEMESTER

BIS 422	Database Management Systems	3 cr
_____	Major Elective (see bulletin)	3 cr
_____	Major Elective (see bulletin)	3 cr
_____	University Program	3 cr
_____	University Program *(if needed)*	3 c

EIGHTH SEMESTER

MGT 499	Integrated Capstone-Strategic Mgt.	3 cr
BIS 425	Information Systems Development Project	3 cr
_____	University Program	3 cr
_____	University Program	3 cr
	(may need an additional WI course)	

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

Prerequisites

- BIS 228 & BIS 347 →**BIS 357**
- BIS 255→**BIS 380**
- BIS 255→**BIS 420**
- BIS 228 →**BIS 422**
- BIS 420 & BIS 422 →**BIS 425**
- BIS 228 (rec) →**BIS 324**
- BIS 347 or BUS 301 →**BIS 458**
- BIS 380 →**BIS 512**
- BIS 512 →**BIS 521, BIS 523 & BIS 525**
- BUS 300QR or BUS 503QR, BUS 301, FIN 302, MGT 303, MKT 304 →**MGT 499**

Major specific details

Option A Enterprise Software:
3 courses from BIS 347, 357, 458, 598 (SAP Cert.)
Option B Cybersecurity:
BIS 512 & 2 of the following: BIS 521, BIS 523 or BIS 525
Option C General: see faculty advisor
Option D Business Data Analytics:
BIS 580, BIS 581, BIS 582

Information Systems Course Offerings:
- BIS 357 is fall only
- BIS 458 is typically spring only

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.