

Information Systems: Option D Business Data Analytics 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	* BIS 101WI	Essential Bus. Communications Skills	3 cr
MTH 107	College Algebra (<i>if needed</i>)	3 cr	* ECO 202	Microeconomics (UP IIB) or ECO 203	3 cr
_____	Competency (ENG 101)	3 cr	* MTH 217	Bus. Calculus or MTH 132 Calc. I (UP IIB)	4 cr
_____	University Program	3 cr	_____	University Program	3 cr
_____ WI	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	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.		
* 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	ACC 255	Managerial Accounting & Decision Making	3 cr
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. 			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	BUS 301	Integrated Business Experience	3 cr
MGT 303	Integrated Supply Chain Management	3 cr	BIS 420	Systems Analysis & Design	3 cr
MKT 304	Integrated Marketing Management	3 cr	PHL 318	Business Ethics	3 cr
BIS 228	Applications Development	3 cr	_____ WI	University Program	3 cr
BIS 380	Enterprise Architecture	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	MGT 499	Integrated Capstone-Strategic Mgt.	3 cr
BIS 580	Business Decision Modeling	3 cr	BIS 425	Information Systems Development Project	3 cr
_____	University Program	3 cr	BIS 581	Business Data Analytics	3 cr
_____	University Program (<i>if needed</i>)	3 cr	BIS 582	Data Visualization: Theory & Practice	3 cr
_____	University Program	3 cr			
(<i>may need an additional WI course</i>)					

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 D Business Data Analytics:
BIS 580, BIS 581, BIS 582

Information Systems Course Offerings:

- BIS 580 is typically fall only
- BIS 581 & BIS 582 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.