

Date Modified:	6.24.21
MSU Transfer Advisor:	Business Advisement Center BusinessAdvisement@MissouriState.edu 417-836-5386



Courses are sequenced to provide guidance and to help ensure that prerequisite requirements are met.

Catalog Year: 2021-2022

**Crowder Associate of Arts in Information Technology to
MSU Bachelor of Science in Information Technology
(Cybersecurity Track)**



The following is a guide to graduation with completion of Crowder's Associate of Arts in Information Technology and MSU's Bachelor of Science in Information Technology (Cybersecurity Track)
The degree may be completed on campus or online.

The Information Technology degree is a comprehensive major meaning it does not require completion of a minor.

Crowder Year 1 Semester 1

REQUIREMENT DESCRIPTION	CROWDER COURSE ID/TITLE		CREDIT HOURS	MSU EQUIVALENT	MEETS CORE 42	MSU MAJOR REQUIREMENT		
Institutional Requirement	COLL 101	College Orientation	1	GEN 000				
Major Course	BSAD 125 ○	Computer Applications	3	ITC 200		✓		
Mathematical Sciences <i>3 credit hours</i>	MATH 135 ○	Algebra for Calculus	3	MTH 136	✓	✓		
Written Communications <i>6 credit hours</i>	ENGL 101 ○	English Composition	3	ENG 110	✓	✓		
Oral Communications <i>3 credit hours</i>	COMM 104 ○	Fundamentals of Speech	3	COM 115	✓	✓		
Humanities and Fine Arts <i>9 credit hours</i> (Must fulfill 2 disciplines)	Choose one: A		3	Varies	✓	✓		
	Foreign Language Option:						-OR-	Foreign Culture Option:
	FREN 101	SPAN 101 SPAN 102						ASL 101 ASL 102
Semester 1 Total			16					

Crowder Year 1 Semester 2

REQUIREMENT DESCRIPTION	CROWDER COURSE ID/TITLE		CREDIT HOURS	MSU EQUIVALENT	MEETS CORE 42	MSU MAJOR REQUIREMENT			
Major Course	ACCT 201 ○	Principles of Accounting I	3	ACC 201		✓			
Written Communications <i>6 credit hours</i>	ENGL 102	Advanced English Composition	3	ENG 210	✓				
Social/Behavioral Sciences <i>9 credit hours</i> <i>Civics Requirement</i>	Choose one:		3	Varies	✓				
	HIST 106	HIST 107					PLSC 103		
Major Course	ITC 235	Computer Hardware and Operating Systems	3	ITC 235		✓			
Natural Sciences <i>7 credit hours</i> (Must fulfill 2 disciplines including one course with a lab component)	Choose one:		3	Varies	✓				
	BIOL 101	BIOL 152					CHEM 104	GEOL 210	PHYS 190
	BIOL 110	BIOL 252					CHEM 111	PHYS 101	
	BIOL 120	CHEM 101	GEOL 115	PHYS 105					
Semester 2 Total			15						

Crowder Year 2 Semester 3

REQUIREMENT DESCRIPTION	CROWDER COURSE ID/TITLE		CREDIT HOURS	MSU EQUIVALENT	MEETS CORE 42	MSU MAJOR REQUIREMENT						
Major Course	ITC 260	Introduction to Java Programming	3	ITC 260		✓						
Social/Behavioral Sciences <i>9 credit hours</i> (Must fulfill 2 disciplines)	ECON 201 ○	Principles of Macroeconomics	3	ECO 155	✓	✓						
	Major Course	ACCT 202 ○	Principles of Accounting II	3	ACC 211		✓					
Core Elective <i>5 hours required for Core 42</i>	Choose MOTR coded course(s) of your choice with the assistance of an advisor.		2	Varies	✓							
Humanities and Fine Arts <i>9 credit hours</i> (Must fulfill 2 disciplines)	Choose one:		3	Varies	✓							
	ART 101	FREN 101					ENGL 240	MUSC 101	MUSC 196*▲	MUSC 296*▲	PHIL 121	HIST 101
	ART 106▲	ENGL 109					ENGL 245	MUSC 106*▲	MUSC 206*▲	PHIL 101	SPAN 101	HIST 102
	ASL 101	ENGL 225	ENGL 222	MUSC 107*▲	MUSC 207*▲	PHIL 201	SPAN 102					
	ASL 102	ENGL 235	ENGL 230	MUSC 195*▲	MUSC 295*▲	PHIL 202	TA 205					
Social/Behavioral Sciences <i>9 credit hours</i> (Must fulfill 2 disciplines)	PSYC 101 ○	General Psychology	3	PSY 121	✓	✓						
Semester 3 Total			17									

Crowder Year 2 Semester 4

REQUIREMENT DESCRIPTION	CROWDER COURSE ID/TITLE		CREDIT HOURS	MSU EQUIVALENT	MEETS CORE 42	MSU MAJOR REQUIREMENT		
Major Course	ITC 295	Database Management Systems	3	ITC 295		✓		
Major Course	ITC 299	System Analysis and Design	3	ITC 388		✓		
Core Elective <i>5 hours required for Core 42</i>	ECON 202 ○	Principles of Microeconomics	3	ECO 165	✓	✓		
Humanities and Fine Arts <i>9 credit hours</i> (Must fulfill 2 disciplines)	Choose one: A		3	Varies	✓	✓		
	Foreign Language Option:						-OR-	Foreign Culture Option:
	FREN 101	SPAN 101 SPAN 102						ASL 101 ASL 102
Natural Sciences - Lab Requirement <i>7 credit hours</i> (Must fulfill 2 disciplines)	Choose one:		4	Varies	✓			
	BIOL 101	BIOL 152					GEOL 210	
	BIOL 120	BIOL 252						
Semester 4 Total			16					
Total Hours at Crowder			64	<i>Total Hours Applied Toward MSU Major/Business Admission Requirements:</i>		45		

▲ Options listed fulfill the MSU Globalization requirement

* One credit hour course

▲ May choose only one, falls under MOTR code 'PERF'

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**MSU Bachelor of Science in Information Technology
(Cybersecurity Track)
after Crowder Associate of Arts in Information Technology**

MSU Year 3 Semester 1

REQUIREMENT DESCRIPTION	MSU COURSE ID	TITLE	CREDIT HOURS
COB Core Requirement	ITC 201	Computer Applications for Business	3
COB Admission Requirement	MGT 286	Business Communications	3
COB Admission Requirement	LAW 231	Legal Environment of Business	3
COB Admission Requirement	QBA 237	Basic Business Statistics	3
General Elective **	Work with your MSU advisor to identify courses that will complement your specific career goals.		3
Semester 1 Total			15

MSU Year 3 Semester 2

REQUIREMENT DESCRIPTION	MSU COURSE ID	TITLE	CREDIT HOURS
Major Requirement #1	ITC 330	Introduction to Networking	3
COB Core Requirement	MGT 340	Principles of Management	3
COB Core Requirement	MKT 350	Principles of Marketing	3
COB Core Requirement	FIN 380	Financial Management	3
COB Core Requirement	LAW 332	Debtor and Creditor Rights and Remedies	1
Semester 2 Total			13

MSU Year 4 Semester 3

REQUIREMENT DESCRIPTION	MSU COURSE ID	TITLE	CREDIT HOURS
COB Core Requirement	MKT 364	Operations Management	3
COB Core Requirement	ITC 429	Information Systems with Business Intelligence	3
Major Requirement #1	ITC 430	Advanced Networking	3
Major Requirement #2	ITC 560	Fundamentals of Cybersecurity	3
General Elective **	Work with your MSU advisor to identify courses that will complement your specific career goals.		1
Semester 3 Total			13

MSU Year 4 Semester 4

REQUIREMENT DESCRIPTION	MSU COURSE ID	TITLE	CREDIT HOURS
COB Core Requirement	MGT 487	Strategic Management and Policy	3
Major Requirement #2	Choose one: ITC 563 ITC 564	ITC 565 ITC 566 ITC 494	3
Major Requirement #2	Choose one: ITC 563 ITC 564	ITC 565 ITC 566 ITC 494	3
Major Requirement #2	Choose one: ITC 563 ITC 564	ITC 565 ITC 566 ITC 494	3
General Elective **	Work with your MSU advisor to identify courses that will complement your specific career goals.		3
Semester 4 Total			15
Total Hours at MSU			56
Total Hours Overall			120

** Electives provide the opportunity to customize your degree program. Some elective credits may or may not be needed to bring total credit hours to a minimum of 120 credit hours and upper division hours (300+) to 40.

This information is provided as a guide only.

- Crowder students are strongly encouraged to meet with their major specific MSU transfer advisor early in their Crowder education to discuss the most appropriate Crowder coursework for their intended MSU major, MSU degree requirements, etc.
- Students are required to fulfill MSU graduation and GPA requirements to receive a degree and should consult with their MSU advisor and the MSU undergraduate catalog for details, as there may exist pre-requisite requirements as well as periodicity limitations that could affect scheduling sequences.
- Please note that transfer students from Missouri public colleges and universities may follow the general education and general baccalaureate degree requirements in effect at Missouri State when they first enrolled (or re-enrolled after an absence of one calendar year or more) as degree-seeking students at the institutions from which they transferred (e.g., Crowder).