

Date Modified:	6.15.22
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: 2022-2023

**Crowder Associate of Arts in Information Technology to  
MSU Bachelor of Science in Information Technology  
(IT Infrastructure 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 (IT Infrastructure 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
<b>Institutional Requirement</b>	COLL 101	College Orientation	1	GEN 000		
<b>Major Course</b>	BSAD 125 ○	Computer Applications	3	ITC 200		✓
<b>Mathematical Sciences</b> 3 credit hours	MATH 135 ○	Algebra for Calculus	3	MTH 136	✓	✓
<b>Written Communications</b> 6 credit hours	ENGL 101 ○	English Composition	3	ENG 110	✓	✓
<b>Oral Communications</b> 3 credit hours	COMM 104 ○	Fundamentals of Speech	3	COM 115	✓	✓
<b>Humanities and Fine Arts</b> 9 credit hours (Must fulfill 2 disciplines)	<b>Choose one: ▲</b>		3	Varies	✓	✓
	Foreign Language Option:					
	FREN 101	SPAN 101 SPAN 102				
<b>Semester 1 Total</b>			<b>16</b>			

**Crowder Year 1 Semester 2**

REQUIREMENT DESCRIPTION	CROWDER COURSE ID/TITLE		CREDIT HOURS	MSU EQUIVALENT	MEETS CORE 42	MSU MAJOR REQUIREMENT
<b>Business Elective</b> 6 credit hours	ACCT 201 ○	Principles of Accounting I	3	ACC 201		✓
<b>Written Communications</b> 6 credit hours	ENGL 102	Advanced English Composition	3	ENG 210	✓	
<b>Social/Behavioral Sciences</b> 9 credit hours (Must fulfill 2 disciplines)	<b>Choose one:</b>		3	HST 121 HST 122 PLS 101	✓	
	HIST 106 HIST 107 PLSC 103	U.S. History I U.S. History II National, State, Local Government				
<b>Major Course</b>	ITC 235	Computer Hardware and Operating Systems	3	ITC 235		✓
<b>Natural Sciences</b> 7 credit hours (Must fulfill 2 disciplines including one course with a lab component)	<b>Choose one:</b>		3	Varies	✓	
	BIOL 101 BIOL 110 BIOL 120	BIOL 152 BIOL 252 CHEM 101				
<b>Semester 2 Total</b>			<b>15</b>			

**Crowder Year 2 Semester 3**

REQUIREMENT DESCRIPTION	CROWDER COURSE ID/TITLE		CREDIT HOURS	MSU EQUIVALENT	MEETS CORE 42	MSU MAJOR REQUIREMENT		
<b>Major Course</b>	ITC 260	Introduction to Java Programming	3	ITC 260		✓		
<b>Social/Behavioral Sciences</b> 9 credit hours (Must fulfill 2 disciplines)	ECON 201 ○	Principles of Macroeconomics	3	ECO 155	✓	✓		
<b>Business Elective</b> 6 credit hours	ACCT 202 ○	Principles of Accounting II	3	ACC 211		✓		
<b>Core Elective</b> 5 hours required for Core 42	<b>Choose one:</b>		3	Varies	✓			
	GEOG 111	PSYC 211					SOC 101	
<b>Humanities and Fine Arts</b> 9 credit hours (Must fulfill 2 disciplines)	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	
<b>Social/Behavioral Sciences</b> 9 credit hours (Must fulfill 2 disciplines)	PSYC 101 ○	General Psychology	3	PSY 121	✓	✓		
<b>Semester 3 Total</b>			<b>18</b>					

**Crowder Year 2 Semester 4**

REQUIREMENT DESCRIPTION	CROWDER COURSE ID/TITLE		CREDIT HOURS	MSU EQUIVALENT	MEETS CORE 42	MSU MAJOR REQUIREMENT		
<b>Major Course</b>	ITC 295	Database Management Systems	3	ITC 295		✓		
<b>Major Course</b>	ITC 299	System Analysis and Design	3	ITC 388		✓		
<b>Core Elective</b> 5 hours required for Core 42	ECON 202 ○	Principles of Microeconomics	3	ECO 165	✓	✓		
<b>Humanities and Fine Arts</b> 9 credit hours (Must fulfill 2 disciplines)	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	
<b>Natural Sciences - Lab Requirement</b> 7 credit hours (Must fulfill 2 disciplines)	<b>Choose one:</b>		4	Varies	✓			
	BIOL 101 BIOL 120	BIOL 152 BIOL 252					GEOL 210	
<b>Semester 4 Total</b>			<b>16</b>					
<b>Total Hours at Crowder</b>			<b>65</b>	<i>Total Hours Applied Toward MSU Major/Business Admission Requirements:</i>		42		

▲ 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  
(IT Infrastructure 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	LAW 231	Legal Environment of Business	3
COB Admission Requirement	QBA 237	Basic Business Statistics	3
COB Admission Requirement	MGT 286	Business Communications	3
General Elective **	Work with your MSU advisor to identify courses that will complement your specific career goals.		3
<b>Semester 1 Total</b>			<b>15</b>

**MSU Year 3 Semester 2**

REQUIREMENT DESCRIPTION	MSU COURSE ID	TITLE	CREDIT HOURS	
COB Core Requirement	FIN 380	Financial Management	3	
Major Requirement #1 <i>12 credit hours required</i>	<b>Choose one:</b>		3	
	ITC 330	ITC 495		ITC 560
	ITC 430	ITC 528		ITC 583
COB Core Requirement	MGT 340	Principles of Management	3	
COB Core Requirement	MKT 350	Principles of Marketing	3	
Major Requirement #1 <i>12 credit hours required</i>	<b>Choose one:</b>		3	
	ITC 330	ITC 495		ITC 560
	ITC 430	ITC 528		ITC 583
<b>Semester 2 Total</b>			<b>15</b>	

**MSU Year 4 Semester 3**

REQUIREMENT DESCRIPTION	MSU COURSE ID	TITLE	CREDIT HOURS			
Major Requirement #1 <i>12 credit hours required</i>	<b>Choose one:</b>		3			
	ITC 330	ITC 495		ITC 560		
	ITC 430	ITC 528		ITC 583		
General Elective **	Work with your MSU advisor to identify courses that will complement your specific career goals.		1			
Major Requirement #2 <i>6 credit hours required</i>	<b>Choose one:</b>		3			
	ITC 330*	ITC 397		ITC 494	ITC 555	ITC 583*
	ITC 362	ITC 420		ITC 495*	ITC 560*	
	ITC 366	ITC 430*		ITC 528*	ITC 563	
	ITC 370	ITC 466		ITC 535	ITC 564	
	ITC 394	ITC 475		ITC 545	ITC 581	*if not used in #1
COB Core Requirement	MKT 364	Operations Management	3			
COB Core Requirement	ITC 429	Information Systems with Business Intelligence	3			
<b>Semester 3 Total</b>			<b>13</b>			

**MSU Year 4 Semester 4**

REQUIREMENT DESCRIPTION	MSU COURSE ID	TITLE	CREDIT HOURS			
Major Requirement #1 <i>12 credit hours required</i>	<b>Choose one:</b>		3			
	ITC 330	ITC 495		ITC 560		
	ITC 430	ITC 528		ITC 583		
Major Requirement #2 <i>6 credit hours required</i>	<b>Choose one:</b>		3			
	ITC 330*	ITC 397		ITC 494	ITC 555	ITC 583*
	ITC 362	ITC 420		ITC 495*	ITC 560*	
	ITC 366	ITC 430*		ITC 528*	ITC 563	
	ITC 370	ITC 466		ITC 535	ITC 564	
	ITC 394	ITC 475		ITC 545	ITC 581	*if not used in #1
COB Core Requirement	MGT 487	Strategic Management and Policy	3			
COB Core Requirement	LAW 332	Debtor and Creditor Rights and Remedies	1			
General Elective **	Work with your MSU advisor to identify courses that will complement your specific career goals.		2			
<b>Semester 4 Total</b>			<b>12</b>			
<b>Total Hours at MSU</b>			<b>55</b>			
<b>Total Hours Overall</b>			<b>120</b>			

\*\* 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).