

Date Modified:	6.10.2020
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: 2020-2021



**Crowder Associate of Arts in Information Technology to  
MSU Bachelor of Science in Information Technology - Application  
Development 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 - Application Development Track  
The degree may be completed on campus or online.

**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> <i>3 credit hours</i>	MATH 135	Algebra for Calculus	3	MTH 136	✓	✓			
<b>Written Communications</b> <i>6 credit hours</i>	ENGL 101	English Composition	3	ENG 110	✓	✓			
<b>Oral Communications</b> <i>3 credit hours</i>	COMM 104	Fundamentals of Speech	3	COM 115	✓	✓			
<b>Humanities and Fine Arts</b> <i>9 credit hours</i> (Must fulfill 2 disciplines)	<b>Choose one: A</b>		3	Varies	✓	✓			
	Foreign Language Option:						-OR-	Foreign Culture Option:	
	FREN 101	SPAN 101 SPAN 102						ASL 101 ASL 102	PHIL 121 ENGL 245
<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>Major Course</b>	ACCT 201	Principles of Accounting I	3	ACC 201		✓
<b>Written Communications</b> <i>6 credit hours</i>	ENGL 102	Advanced English Composition	3	ENG 210	✓	
<b>Social/Behavioral Sciences</b> <i>9 credit hours</i> (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> <i>7 credit hours</i> (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> <i>9 credit hours</i> (Must fulfill 2 disciplines)	ECON 201	Principles of Macroeconomics	3	ECO 155	✓	✓	
	ACCT 202	Principles of Accounting II	3	ACC 211		✓	
<b>Core Elective</b> <i>5 hours required for Core 42</i>	Choose MOTR coded course(s) of your choice with the assistance of an advisor.		2	Varies	✓		
<b>Humanities and Fine Arts</b> <i>9 credit hours</i> (Must fulfill 2 disciplines)	<b>Choose one:</b>		3	Varies	✓		
	ART 101 ART 106▲ ASL 101 ASL 102	FREN 101 ENGL 109 ENGL 225 ENGL 235					ENGL 240 ENGL 245 ENGL 222 ENGL 230
<b>Social/Behavioral Sciences</b> <i>9 credit hours</i> (Must fulfill 2 disciplines)	PSYC 101	General Psychology	3	PSY 121	✓	✓	
<b>Semester 3 Total</b>			<b>17</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> <i>5 hours required for Core 42</i>	ECON 202	Principles of Microeconomics	3	ECO 165	✓	✓			
<b>Humanities and Fine Arts</b> <i>9 credit hours</i> (Must fulfill 2 disciplines)	<b>Choose one: A</b>		3	Varies	✓	✓			
	Foreign Language Option:						-OR-	Foreign Culture Option:	
	FREN 101	SPAN 101 SPAN 102						ASL 101 ASL 102	PHIL 121 ENGL 245
<b>Natural Sciences</b> <i>7 credit hours</i> (Must fulfill 2 disciplines including one course with a lab component)	<b>Choose one:</b>		4	Varies	✓				
	BIOL 101 BIOL 110 BIOL 120	BIOL 152 BIOL 252 CHEM 101					CHEM 104 CHEM 111 GEOL 115	GEOL 210 PHYS 101 PHYS 105	PHYS 190
<b>Semester 4 Total</b>			<b>16</b>						
<b>Total Hours at Crowder</b>			<b>64</b>	<i>Total Hours Applied Toward MSU Major/Business Admission Requirements:</i>		<b>45</b>			

▲ 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  
(Application Development Track)  
after Crowder Associate of Arts in Information Technology**

Catalog Year: 2020-2021

**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		
Major Requirement #2 <i>9 credit hours required</i>	<b>Choose one:</b>				
	ITC 362 ITC 366	ITC 370 ITC 466*	ITC 475* ITC 528 * if not used in #1	3	
Major Requirement #3 <i>6 credit hours required</i>	<b>Choose one:</b>				
	ITC 330	ITC 397	ITC 494	ITC 555	ITC 583  **if not used in #1 or #2
	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		
COB Core Requirement	FIN 380	Financial Management	3		
COB Core Requirement	MGT 340	Principles of Management	3		
COB Core Requirement	MKT 350	Principles of Marketing	3		
<b>Semester 2 Total</b>			<b>15</b>		

**MSU Year 4 Semester 3**

REQUIREMENT DESCRIPTION	MSU COURSE ID	TITLE	CREDIT HOURS		
Major Requirement #2 <i>9 credit hours required</i>	<b>Choose one:</b>				
	ITC 362 ITC 366	ITC 370 ITC 466*	ITC 475* ITC 528 * if not used in #1	3	
General Elective **	Work with your MSU advisor to identify courses that will complement your specific career goals.		1		
Major Requirement #3 <i>6 credit hours required</i>	<b>Choose one:</b>				
	ITC 330	ITC 397	ITC 494	ITC 555	ITC 583  **if not used in #1 or #2
	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		
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	<b>Choose one:</b>		
	ITC 466 ITC 475	Advanced .Net Development with C# Advanced Web Development	
Major Requirement #2 <i>9 credit hours required</i>	<b>Choose one:</b>		
	ITC 362 ITC 366	ITC 370 ITC 466*	ITC 475* ITC 528 * 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.		3
<b>Semester 4 Total</b>			<b>13</b>
<b>Total Hours at MSU</b>			<b>56</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).