State Fair Community College

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

State Fair Associate of Arts to
MSU Bachelor of Science in Information Techonlogy - Cybersecurity

Catalog Year: 2022-2023

The following is a guide to graduation with completion of State Fair's Associate of Arts and
MSU's Bachelor of Science in Information Techonlogy - Cybersecurity.
The B.S. Information Technology degree may be completed online or on campus.
The B.S. in Information Tech is a comprehensive major meaning it does not require completion of a minor.

FINISH IN 4 GO BEARS!

State Fair Year 1 Semester 1

REQUIREMENT DESCRIPTION	State Fair COURSE ID/TITLE		CREDIT HOURS	MSU EQUIVALENT	MEETS CORE 42	MSU MAJOR REQUIREMENT
Mathematical Sciences *3 credit hours total required for CORE 42*	MTH 114 ❍✧	Precalculus Algebra	3	MTH 136	✔	✔
Humanities and Fine Arts *9 credit hours total required for CORE 42* (Must fulfill 2 disciplines)	Choose one: ⋀ FREN 101 FREN 102 GERM 101 SPAN 101 SPAN 102		3	Varies	✔	✔
Written Communications *6 credit hours total required for CORE 42*	ENGL 101 ❍	English Composition I	3	ENG 110	✔	✔
Social/Behavioral Sciences *9 credit hours total required for CORE 42* (Must fulfill 2 disciplines)	ECON 101 ❍	Principles of Macroeconomics	3	ECO 155	✔	✔
Social/Behavioral Sciences *9 credit hours total required for CORE 42*	PSY 101 ❍	General Psychology	3	PSY 121	✔	✔
		Semester 1 Total	15			

State Fair Year 1 Semester 2

REQUIREMENT DESCRIPTION	State Fair COURSE ID/TITLE		CREDIT HOURS	MSU EQUIVALENT	MEETS CORE 42	MSU MAJOR REQUIREMENT
Humanities and Fine Arts *9 credit hours total required for CORE 42* (Must fulfill 2 disciplines)	Choose one: ART 112 ▲ ART 160 ▲ MUS 197 ▲ THEA 131▲ FREN 102 LIT 101 MUS 100 MUS 104 ART 116 ▲ MUS 119* ▲ MUS 210**▲ ART 101 GERM 101 LIT 107 MUS 101 PHIL 101 ART 122 ▲ MUS 175* ▲ THEA 110 ▲ ART 120 SPAN 101 LIT 109 MUS 102 PHIL 102 ART 126 ▲ MUS 196▲ THEA 111 ▲ FREN 101 SPAN 102 LIT 112 MUS 103 PHIL 104 THEA 107		3	Varies	✔	
Oral Communications *3 credit hours total required for CORE 42*	COMM 101 ❍	Public Speaking	3	COM 115	✔	✔
Institutional Elective *22 hours required for A.A. degree*	ECON 102 ❍	Principles of Microeconomics	3	ECO 165		✔
Institutional Elective *22 hours required for A.A. degree*	ACCT 101 ❍	Principles of Financial Accounting	3	ACC 201		✔
Natural Sciences *7 credit hours total required for CORE 42* (Must fulfill 2 disciplines including one course with a lab component)	Choose one: EASC 120 BIO 100 BIO 105 EASC 118 BIO 103		3	Varies	✔	
		Semester 2 Total	15			

State Fair Year 2 Semester 3

REQUIREMENT DESCRIPTION	State Fair COURSE ID/TITLE		CREDIT HOURS	MSU EQUIVALENT	MEETS CORE 42	MSU MAJOR REQUIREMENT
Social/Behavioral Sciences *9 credit hours total required for CORE 42* (Civics requirement)	Choose one: HIST 101 U.S. History Before 1877 HIST 102 U.S. History Since 1877 POLS 101 American/National Government		3	HST 121 HST 122 PLS 101	✔	
Humanities and Fine Arts *9 credit hours total required for CORE 42* (Must fulfill 2 disciplines)	Choose one: ART 112 ▲ ART 160 ▲ MUS 197 ▲ THEA 131▲ FREN 102 LIT 101 MUS 100 MUS 104 ART 116 ▲ MUS 119* ▲ MUS 210**▲ ART 101 GERM 101 LIT 107 MUS 101 PHIL 101 ART 122 ▲ MUS 175* ▲ THEA 110 ▲ ART 120 SPAN 101 LIT 109 MUS 102 PHIL 102 ART 126 ▲ MUS 196▲ THEA 111 ▲ FREN 101 SPAN 102 LIT 112 MUS 103 PHIL 104 THEA 107		3	Varies	✔	
Written Communications *6 credit hours total required for CORE 42*	ENGL 102	English Composition II	3	ENG 210	✔	
Institutional Elective *22 hours required for A.A. degree*	ACCT 102 ❍	Managerial Accounting	3	ACC 211		✔
Institutional Elective *22 hours required for A.A. degree*	CAPP 125 ❍✧	Microcomputer Applications	3	ITC 200		✔
Institutional Elective *22 hours required for A.A. degree*	BADM 103 ❍	Legal Environment of Business	3	LAW 231		✔
		Semester 3 Total	18			

State Fair Year 2 Semester 4

REQUIREMENT DESCRIPTION	State Fair COURSE ID/TITLE		CREDIT HOURS	MSU EQUIVALENT	MEETS CORE 42	MSU MAJOR REQUIREMENT
Institutional Elective *22 hours required for A.A. degree*	ENGL 110 ❍	Communication for Business and Industry	3	MGT 286		✔
General Education Elective *5 hours total required for Core 42*	MATH 127 ❍	Business Statistics	3	QBA 237		✔
Natural Sciences *7 credit hours total required for CORE 42* (Must fulfill 2 disciplines including one course with a lab component)	Choose one: BIO 112 CHEM 101 EASC 101 BIO 207 PHYS 105 BIO 125 CHEM 123 EASC 106 BIO 208 PHYS 118		4-5	Varies	✔	
Institutional Elective *22 hours required for A.A. degree*	CAPP 166	Excel	3	ITC 201		✔
General Education Elective *5 hours total required for Core 42*	Choose MOTR coded course(s) of your choice with the assistance of an advisor.		3	Varies	✔	
		Semester 4 Total	16-17			
		Total Hours at State Fair	64-65	*Total Hours Applied Toward MSU Major Requirements:*		42

✳ One credit hour course   ✳✳ Two credit hour course   ▲ May choose only one, falls under MOTR code 'PERF'   ✧ Must obtain a "C" or better

❍ Fulfills a College of Business admission requirement   ⋀ Options listed fulfill the MSU Globalization requirement, see below for more information.

Your path to graduation may vary slightly based on factors such as college credit you earned while in high school and your choice of general education electives.

| Date Modified: | 9.28.22 |
| MSU Program Contact Info: | Business Advisement Center
BusinessAdvisement@MissouriState.edu
417-836-5386 |

Missouri State
U N I V E R S I T Y

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

MSU Bachelor of Science in Information Technology - Cybersecurity
after State Fair Associate of Arts

Catalog Year: 2022-2023

MSU Year 3 Semester 1

REQUIREMENT DESCRIPTION	MSU COURSE ID/TITLE		CREDIT HOURS
IT Cybersecurity Requirement	ITC 235	Computer Hardware and Operating Systems	3
COB Core Requirement	LAW 332	Debtor and Creditor Rights and Remedies	1
COB Core Requirement	MGT 340	Principles of Management	3
COB Core Requirement	FIN 380	Financial Management	3
COB Core Requirement	MKT 350	Principles of Marketing	3
		Semester 1 Total	**13**

MSU Year 3 Semester 2

REQUIREMENT DESCRIPTION	MSU COURSE ID/TITLE		CREDIT HOURS
IT Cybersecurity Requirement	ITC 260	Introduction to Java Programming	3
IT Cybersecurity Requirement	ITC 295	Database Management Systems Concepts and Design	3
General Elective**	Work with your MSU advisor to identify courses that will complement your specific career goals.		3
IT Cybersecurity Requirement	ITC 330	Introduction to Networking	3
IT Cybersecurity Requirement	ITC 388	Information Systems Analysis and Design	3
		Semester 2 Total	**15**

MSU Year 4 Semester 3

REQUIREMENT DESCRIPTION	MSU COURSE ID/TITLE			CREDIT HOURS
IT Cybersecurity Requirement	ITC 430	Advanced Networking		3
General Elective**	Work with your MSU advisor to identify courses that will complement your specific career goals.			3
IT Cybersecurity Requirement	Choose one: ITC 560 ITC 563	ITC 564 ITC 565	ITC 566 ITC 494	3
IT Cybersecurity Requirement	Choose one: ITC 560 ITC 563	ITC 564 ITC 565	ITC 566 ITC 494	3
COB Core Requirement	MKT 364	Operations Management		3
			Semester 3 Total	**15**

MSU Year 4 Semester 4

REQUIREMENT DESCRIPTION	MSU COURSE ID/TITLE			CREDIT HOURS
General Elective**	Work with your MSU advisor to identify courses that will complement your specific career goals.			2
IT Cybersecurity Requirement	Choose one: ITC 560 ITC 563	ITC 564 ITC 565	ITC 566 ITC 494	3
IT Cybersecurity Requirement	Choose one: ITC 560 ITC 563	ITC 564 ITC 565	ITC 566 ITC 494	3
COB Core Requirement	MGT 487	Strategic Management and Policy		3
COB Core Requirement	ITC 429	Information Systems with Business Intelligence		3
			Semester 4 Total	**14**
			Total Hours at MSU	**57**
			Total Hours Overall	**121-122**

** 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

This information is provided as a guide only.
• State Fair students are strongly encouraged to meet with their major specific MSU transfer advisor early in their State Fair education to discuss the most appropriate State Fair 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., State Fair).

GPA requirements include a minimum 2.00 Missouri State GPA and a minimum 2.50 combined GPA to apply for admission to the College of Business.

Important notes about this MSU major:
⚜ Globalization requirement – May be met by completing one of the following options: Completion of a full-semester of study away experience; Completion of three hours of foreign language as above noted; Completion of a study abroad internship; Completion of an international short-term MSU faculty-led program; Completion of three hours of foreign culture courses as above noted. The study away, study abroad internship and faculty-led program options require preapproval.
*Courses are Admission Requirements to MSU's College of Business.
- Students must get a "C" or higher, in College Algebra (State Fair's MTH 114), if ACC 201 & QBA 237 are taken at MSU.
- Admission to the College of Business is separate from admission to the University. Students must have completed at least 54 hours (MSU and/or transfer), have at least a 2.50 cumulative GPA (MSU and/or transfer GPA), and completion of at least 10 of the 12 admission courses ⚪denoted above. Up to two of the above ⚪denoted admission courses may be completed during the semester of admission; however, students should make every effort to complete all of the ⚪denoted courses prior to admission to the College of Business.