

OZARKS TECHNICAL COMMUNITY COLLEGE



MSU Program Contact Info:	Business Advisement Center BusinessAdvisement@MissouriState.edu 417-836-5386
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OTC Associate of Science in Information Technology

to

MSU Bachelor of Science in Information Technology- Cybersecurity (Comprehensive)

Available on campus or online.

Comprehensive majors do not require a minor or second major.

OTC Year 1 Semester 1

REQUIREMENT DESCRIPTION	OTC COURSE ID/TITLE		CREDIT HOURS	MSU EQUIVALENT	MSU MAJOR REQUIREMENT
Mathematical Sciences	MTH 130(S) or higher (must earn "C" or higher)		3-5	MTH 136 or higher	✓
Written Communications	Choose one:		3-5	ENG 110	✓
	ENG 100	Composition I with Support			
	ENG 101	Composition I			
Social/Behavioral Sciences*	ECO 270	Principles of Macroeconomics	3	ECO 155	✓
Program Specific Course	CIS 120	Introduction to Computer Programming	3	CSC 130	✓
Program Specific Course	CIS 101	Technology & Digital Literacy	3	ITC 200	✓
Semester 1 Total			15-19		

OTC Year 1 Semester 2

REQUIREMENT DESCRIPTION	OTC COURSE ID/TITLE		CREDIT HOURS	MSU EQUIVALENT	MSU MAJOR REQUIREMENT
Program Specific Course	ACC 220	Principles of Accounting I	3	ACC 201	✓
Program Specific Course	CIS 170	Java Programming I	3	ITC 260	✓
Program Specific Course	CIS 201	Computer Applications for Business	3	ITC 201	✓
MSU Business Admission Requirement	MTH 210	Statistical Methods	3	QBA 237	✓
Social/Behavioral Sciences*	ECO 275	Principles of Microeconomics	3	ECO 165	✓
Natural Sciences*	Choose one:		4	BIO 101/111 GEC 106 BIO 121	
	BIO 100	BIO 105 BIO 160			
Semester 2 Total			19		

OTC Year 2 Semester 3

REQUIREMENT DESCRIPTION	OTC COURSE ID/TITLE		CREDIT HOURS	MSU EQUIVALENT	MSU MAJOR REQUIREMENT
Program Specific Course	BUS 160	Business Law	3	LAW 231	✓
Program Specific Course	BUS 140	Business Communications	3	MGT 286	✓
Program Specific Course	CIS 250	Database & Query	3	ITC 295	✓
Program Specific Course	ACC 225	Managerial Accounting	3	ACC 211	✓
Natural Sciences*	Choose one:		4-5	Varies	
	CHM 101 CHM 160	PHY 105 PHY 110 PHY 115 PHY 120 PHY 220			
Semester 3 Total			16-17		

OTC Year 2 Semester 4

REQUIREMENT DESCRIPTION	OTC COURSE ID/TITLE		CREDIT HOURS	MSU EQUIVALENT	MSU MAJOR REQUIREMENT
Social/Behavioral Sciences* - Civics	Choose one:		3	PLS 101 HST 121 HST 122	
	PLS 101	HST 120 HST 130			
Program Specific Course	ITI 107	Computer & Network Hardware	4	ITC 235	✓
Program Specific Course	ITI 108	Operating Systems & Software	4	ITC 000 (elective)	
Program Specific Course	CIS 230	Systems Analysis & Design	3	ITC 388	✓
Oral Communications	COM 105	Public Speaking	3	COM 115	✓
Social/Behavioral Sciences*	PSY 110	Introduction to Psychology	3	PSY 121	✓
Semester 4 Total			20	Total Hours Applied Toward MSU Major Requirements:	55-59
Total Hours at OTC			70-74		

*Must fulfill two disciplines

