2026-2027 Catalog Year

MSU Program Contact Info:	**Business Advisement Center** BusinessAdvisement@MissouriState.edu 417-836-5386

OZARKS TECHNICAL COMMUNITY COLLEGE

OTC Associate of Science in Information Technology

to

MSU Bachelor of Science in Information Technology- Application Development (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 ENG 101	Composition I with Support Composition I			
Program Specific Course	CIS 101	Technology & Digital Literacy	3	ITC 200	✓
Program Specific Course	ITI 107	Computer & Network Hardware	4	ITC 235	✓
Program Specific Course	ITI 108	Operating Systems & Software	4	ITC 000 (elective)	
		Semester 1 Total	**17-21**		

OTC Year 1 Semester 2

REQUIREMENT DESCRIPTION	OTC COURSE ID/TITLE		CREDIT HOURS	MSU EQUIVALENT	MSU MAJOR REQUIREMENT
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	ACC 220	Principles of Accounting I	3	ACC 201	✓
Program Specific Course	CIS 201	Computer Applications for Business	3	ITC 201	✓
MSU Business Admission Requirement	MTH 210	Statistical Methods	3	QBA 237	✓
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
Social/Behavioral Sciences*	ECO 275	Principles of Microeconomics	3	ECO 165	✓
Program Specific Course	CIS 170	Java Programming I	3	ITC 260	✓
Program Specific Course	BUS 160	Business Law	3	LAW 231	✓
Program Specific Course	BUS 140	Business Communications	3	MGT 286	✓
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
Program Specific Course	CIS 250	Database & Query	3	ITC 295	✓
Social/Behavioral Sciences* - Civics	**Choose one:**		3	PLS 101 HST 121 HST 122	
	PLS 101	HST 120 HST 130			
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	**15**	*Total MSU Major Hours:*	*55-60*
		Total Hours at OTC	**67-72**		

*Must fulfill two disciplines

Missouri State
UNIVERSITY

MSU Bachelor of Science in Information Technology- Application Development

after

OTC Associate of Science in Information Technology

MSU Year 3 Semester 1

REQUIREMENT DESCRIPTION	MSU COURSE ID/TITLE		CREDIT HOURS
Written Communication	**Choose one:**		3
	ENG 210 ENG 221	Writing II: Writing Across the Disciplines Writing II: Writing for the Professions	
Humanities & Fine Arts *9 credit hours total for CORE 42* *(may only choose 3 credits from PERF courses)*	**Choose a Humanities & Fine Arts course from the CORE 42 MOTR course list.**		3
Humanities & Fine Arts/ COB Globalization *9 credit hours total for CORE 42*	**Choose one:**		3
	ENG 341	MUS 239 REL 210	
Humanities & Fine Arts *9 credit hours total for CORE 42* *(may only choose 3 credits from PERF courses)*	**Choose a Humanities & Fine Arts course from the CORE 42 MOTR course list.**		3
Core 42 Requirement	Choose one MOTR coded course to fulfill CORE 42 requirements		1
		Semester 1 Total	**13**

MSU Year 3 Semester 2

REQUIREMENT DESCRIPTION	MSU COURSE ID/TITLE		CREDIT HOURS
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
Major Requirement #2	**Choose one:**		3
	ITC 362 ITC 366	ITC 370 ITC 466❍	ITC 475❍ ITC 528
		Semester 2 Total	**12**

MSU Year 4 Semester 3

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.		1
COB Core Requirement	MKT 364	Operations Management	3
Major Requirement #1	**Choose one:**		3
	ITC 466 ITC 475	Advanced .Net Development with C# Advanced Web Development	
Major Requirement #2	**Choose one:**		3
	ITC 362 ITC 366	ITC 370 ITC 466❍	ITC 475❍ ITC 528
Major Requirement #3	**Choose one:**		3
	ITC 330 ITC 362✧ ITC 366✧	ITC 370✧ ITC 420 ITC 475✧ ITC 528✧ ITC 555 ITC 564 ITC 394 ITC 430 ITC 494 ITC 535 ITC 560 ITC 581 ITC 397 ITC 466✧ ITC 495 ITC 545 ITC 563 ITC 583	
		Semester 3 Total	**13**

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.		3
COB Core Requirement	ITC 429	Information Systems with Business Intelligence	3
COB Core Requirement	MGT 487	Strategic Management & Policy	3
Major Requirement #2	**Choose one:**		3
	ITC 362 ITC 366	ITC 370 ITC 466❍	ITC 475❍ ITC 528
Major Requirement #3	**Choose one:**		3
	ITC 330 ITC 362✧ ITC 366✧	ITC 370✧ ITC 420 ITC 475✧ ITC 528✧ ITC 555 ITC 564 ITC 394 ITC 430 ITC 494 ITC 535 ITC 560 ITC 581 ITC 397 ITC 466✧ ITC 495 ITC 545 ITC 563 ITC 583	
		Semester 4 Total	**15**
		Total Hours at MSU	**53**
		Total Hours Overall	**120-125**

❍If not used in major requirement #1.
✧If not used in major requirements #1 or #2.

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). GPA requirements include a minimum 2.00 Missouri State GPA and a minimum 2.5 combined GPA to apply for admission to the College of Business.

This information is provided as a guide only.

- OTC students are strongly encouraged to meet with their major specific MSU transfer advisor early in their OTC education to discuss the most appropriate OTC 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., OTC).