

Date Modified:	5.3.22
MSU Transfer Advisor:	Business Advisement Center BusinessAdvisement@MissouriState.edu 417-836-5386

OZARKS TECHNICAL COMMUNITY COLLEGE

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

Catalog Year: 2022-2023



OTC Associate of Science in Information Technology to MSU Bachelor of Science in Information Technology - Cybersecurity Option

The following is a guide to graduation with completion of OTC's Associate of Science in Information Technology and MSU's Bachelor of Science in Information Technology degree.
The degree may be completed on campus or online.

This is a comprehensive major meaning it does not require completion of a minor.

OTC Year 1 Semester 1

REQUIREMENT DESCRIPTION	OTC COURSE ID/TITLE	CREDIT HOURS	MSU EQUIVALENT	MEETS CORE 42	MSU MAJOR REQUIREMENT
Program Requirement	CIS 101 Technology and Digital Literacy	3	ITC 200		
Program Requirement	CIS 120 Introduction to Computer Programming	3	CSC 130		
Social/Behavioral Sciences 9 credit hours for Core 42 12 credit hours required for AS (Must fulfill 2 disciplines)	ECO 270 Principles of Macroeconomics	3	ECO 155	✓	✓
Written Communications 6 credit hours for Core 42	Choose one: ENG 100 ENG 101 Composition I with Support Composition I	3-5	ENG 110	✓	
Mathematical Sciences 3 credit hours for Core 42	Choose one: MTH 130 MTH 131 MTH 140 MTH 210 MTH 230 MTH 241 MTH 130S MTH 138 MTH 141 MTH 215 MTH 240 or any MTH course with a Core 42 approved prerequisite	3-5	Varies	✓	
Semester 1 Total		15-19			

OTC Year 1 Semester 2

REQUIREMENT DESCRIPTION	OTC COURSE ID/TITLE	CREDIT HOURS	MSU EQUIVALENT	MEETS CORE 42	MSU MAJOR REQUIREMENT
Program Requirement	ACC 220 Principles of Accounting	3	ACC 201		✓
Program Requirement	CIS 170 Java Programming I	3	ITC 260		✓
Program Requirement	CIS 201 Computer Applications for Business	3	ITC 201		✓
Social/Behavioral Sciences 9 credit hours for Core 42 12 credit hours required for AS (Must fulfill 2 disciplines)	ECO 275 Principles of Microeconomics	3	ECO 165	✓	✓
Natural Sciences 8 credit hours required for AS Must choose one BIO and one CHM or PHY course	Choose one: BIO 100 BIO 160 CHM 160□ PHY 110 PHY 120 BIO 105 CHM 101 PHY 105 PHY 115 PHY 220	4-5	Varies	✓	
Semester 2 Total		16-17			

OTC Year 2 Semester 3

REQUIREMENT DESCRIPTION	OTC COURSE ID/TITLE	CREDIT HOURS	MSU EQUIVALENT	MEETS CORE 42	MSU MAJOR REQUIREMENT
Program Requirement	ACC 225 Managerial Accounting	3	ACC 211		✓
Natural Sciences 8 credit hours required for AS Must choose one BIO and one CHM or PHY course	Choose one: BIO 100 BIO 160 CHM 160□ PHY 110 PHY 120 BIO 105 CHM 101 PHY 105 PHY 115 PHY 220	4-5	Varies	✓	
Program Requirement	BUS 140 Business Communications	3	MGT 286		✓
Program Requirement	CIS 250 Database and Query	3	ITC 295		✓
Program Requirement	BUS 160 Business Law	3	LAW 231		✓
Semester 3 Total		16-17			

OTC Year 2 Semester 4

REQUIREMENT DESCRIPTION	OTC COURSE ID/TITLE	CREDIT HOURS	MSU EQUIVALENT	MEETS CORE 42	MSU MAJOR REQUIREMENT
Program Requirement	CIS 230 Systems Analysis and Design	3	ITC 388		✓
Oral Communications 3 credit hours for Core 42	COM 105 Public Speaking	3	COM 115	✓	
Social/Behavioral Sciences 9 credit hours for Core 42 (Must fulfill 2 disciplines)	Choose one: PLS 101 HST 120 HST 130	3	Varies	✓	
Program Requirement	ITI 107 Computer and Network Hardware	4	ITC 235		✓
Program Requirement	ITI 108 Operating Systems and Software	4	ITC 000		
Social/Behavioral Sciences 9 credit hours for Core 42 12 credit hours required for AS (Must fulfill 2 disciplines)	PSY 110 Introduction to Psychology	3	PSY 121	✓	✓
Semester 4 Total		18-20			
Total Hours at OTC		65-73	<i>Total Hours Applied Toward MSU Major Requirements:</i>		<i>37</i>

* One credit hour course

▲ May choose only one, falls under MOTR code 'PERF'

□Must be taken with CHM 161 to count as a lab course. In order to fulfill the Core 42 Natural Science requirement, students must complete at least one lab course.

Date Modified:	5.3.22
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

MSU Bachelor of Science in Information Technology - Cybersecurity Option
after OTC Associate of Science in Information Technology

MSU Year 3 Semester 1

REQUIREMENT DESCRIPTION	MSU COURSE ID/TITLE	CREDIT HOURS
Major Requirement	ITC 330 Introduction to Networking	3
COB Admission Requirement	QBA 237 Basic Business Statistics	3
Written Communication	Choose one: ENG 210 Writing II: Writing Across the Disciplines ENG 221 Writing II: Writing for the Professions	3
Humanities & Fine Arts/COB Globalization <i>9 credit hours for CORE 42</i>	Choose one: ENG 341 MUS 239 REL 210	3
Humanities & Fine Arts <i>9 credit hours for CORE 42</i> <small>(may only choose 3 total credits from PERF codes)</small>	Choose one: ART 200 MUS 347 PHI 110 REL 102 SPN 101 ITL 101 CSD 330 JPN 102 ENG 200 ENG 289 ART 271 MUS 100 PHI 105 REL 101 SPN 102 JPN 101 ARB 102 KOR 102 ENG 350 ENG 282 ART 272 MUS 239 PHI 115 THE 101 ARB 101 KOR 101 CHI 102 PTG 102 ENG 351 ENG 362 MED 274 MUS 345 REL 100 FRN 101 CHI 101 PTG 101 GRM 102 RUS 102 ENG 340 LLT 121 MUS 241 MUS 346 REL 210 FRN 102 GRM 101 RUS 101 ITL 102 CSD 331 ENG 341 May only choose 3 c.h. from below: MUS 175 ART 115 MUS 178 ENG 215 MUS 162 ENG 205 MUS 176 ENG 203 ART 212	3
Semester 1 Total		15

MSU Year 3 Semester 2

REQUIREMENT DESCRIPTION	MSU COURSE ID/TITLE	CREDIT HOURS
Humanities & Fine Arts <i>9 credit hours for CORE 42</i> <small>(may only choose 3 total credits from PERF codes)</small>	Choose one: ART 200 MUS 347 PHI 110 REL 102 SPN 101 ITL 101 CSD 330 JPN 102 ENG 200 ENG 289 ART 271 MUS 100 PHI 105 REL 101 SPN 102 JPN 101 ARB 102 KOR 102 ENG 350 ENG 282 ART 272 MUS 239 PHI 115 THE 101 ARB 101 KOR 101 CHI 102 PTG 102 ENG 351 ENG 362 MED 274 MUS 345 REL 100 FRN 101 CHI 101 PTG 101 GRM 102 RUS 102 ENG 340 LLT 121 MUS 241 MUS 346 REL 210 FRN 102 GRM 101 RUS 101 ITL 102 CSD 331 ENG 341 May only choose 3 c.h. from below: MUS 175 ART 115 MUS 178 ENG 215 MUS 162 ENG 205 MUS 176 ENG 203 ART 212	3
Major Requirement	FIN 380 Financial Management	3
Major Requirement	MGT 340 Principles of Management	3
Major Requirement	MKT 350 Principles of Marketing	3
Option Requirement <i>12 credit hours required</i>	Choose one: ITC 560 ITC 564 ITC 566 ITC 563 ITC 565 ITC 494 (1-3)	3
Semester 2 Total		15

MSU Year 4 Semester 3

REQUIREMENT DESCRIPTION	MSU COURSE ID/TITLE	CREDIT HOURS
Core 42 Requirement	Choose one MOTR coded course to fulfill CORE 42 requirement	1
General Elective	Work with your MSU advisor to identify courses that will complement your specific career goals.	2
Major Requirement	ITC 430 Advanced Networking	3
Option Requirement <i>12 credit hours required</i>	Choose one: ITC 560 ITC 564 ITC 566 ITC 563 ITC 565 ITC 494 (1-3)	3
Major Requirement	MKT 364 Operations Management	3
Semester 3 Total		12

MSU Year 4 Semester 4

REQUIREMENT DESCRIPTION	MSU COURSE ID/TITLE	CREDIT HOURS
Option Requirement <i>12 credit hours required</i>	Choose one: ITC 560 ITC 564 ITC 566 ITC 563 ITC 565 ITC 494 (1-3)	3
Option Requirement <i>12 credit hours required</i>	Choose one: ITC 560 ITC 564 ITC 566 ITC 563 ITC 565 ITC 494 (1-3)	3
Major Requirement	ITC 429 Information Systems with Business Intelligence	3
Major Requirement	MGT 487 Strategic Management and Policy	3
Major Requirement	LAW 332 Debtor and Creditor Rights and Remedies	1
Semester 4 Total		13
Total Hours at MSU		55
Total Hours Overall		120-128

** 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.

Teacher education program requirements:

- At least a 2.75 GPA on all course work attempted at all colleges attended
- At least a 3.00 GPA in professional education courses
- At least a 3.00 GPA in any additional certificate subject area

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).