OZARKS TECHNICAL COMMUNITY COLLEGE

OTC Associate of Arts in Business to
MSU Bachelor of Science in Information Technology
(Application Development Track)

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

Catalog Year: 2019-2020

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

OTC Year 1 Semester 1

REQUIREMENT DESCRIPTION	OTC COURSE ID	TITLE	CREDIT HOURS	MSU EQUIVALENT	MEETS CORE 42	MSU MAJOR REQUIREMENT
Institutional Requirement	OTC 101	Navigating College	2	GEN 000		
Program Specific Course	BUS 110	Introduction to Business	3	BUS 135		
Written Communications *6 credit hours*	Choose one: ○ ENG 100 ENG 101	 Composition I with Support Composition I	3-5	ENG 110	✔	✔
Humanities and Fine Arts *9 credit hours* (Must fulfill 2 disciplines)	Choose one: ART 100 ASL 101 ENG 260 ENG 350 GRM 101 MUS 106 PHL 105 SPN 101 ART 101 ASL 102 ENG 265 ENG 351 GRM 102 MUS 110 REL 100 SPN 102 ART 105 CHI 101 ENG 340 FRN 101 MUS 101 MUS 235∗▲ REL 101 THR 101 ART 120▲ ENG 180 ENG 341 FRN 102 MUS 105 PHL 101 REL 102		3	Varies	✔	
Mathematical Sciences *3 credit hours*	Choose one (must obtain a "C" or better): ○ 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	14-18			

OTC Year 1 Semester 2

REQUIREMENT DESCRIPTION	OTC COURSE ID	TITLE	CREDIT HOURS	MSU EQUIVALENT	MEETS CORE 42	MSU MAJOR REQUIREMENT
Program Specific Course	CIS 101 ○	Technology and Digital Literacy	3	ITC 200		✔
Written Communications *6 credit hours*	Choose one: ENG 102 ENG 150	 Composition II Technical Writing	3	ENG 210 ENG 221	✔	
Humanities and Fine Arts *9 credit hours* (Must fulfill 2 disciplines)	Choose from one group: ▲ *Foreign Language Option:* ASL 101 SPN 101 FRN 101 GRM 101 CHI 101 ASL 102 SPN 102 FRN 102 GRM 102 -OR- *Foreign Culture Option:* MUS 101 ENG 341		3	Varies	✔	✔
Social/Behavioral Sciences *9 credit hours* (Must fulfill 2 disciplines)	PSY 110 ○	Introduction to Psychology	3	PSY 121	✔	✔
Natural Sciences *7 credit hours* (Must fulfill 2 disciplines including one course with a lab component)	Choose one: BCS 115 BCS 165 BIO 100 BIO 135 BIO 160 CHM 160 PHY 105 PHY 115 PHY 220 BCS 132 BCS 210 BIO 105 BIO 142 CHM 101 CHM 161 PHY 110 PHY 120		3	Varies	✔	
Program Specific Course	BUS 140 ○	Business Communications	3	MGT 286		✔
		Semester 2 Total	18			

OTC Year 2 Semester 3

REQUIREMENT DESCRIPTION	OTC COURSE ID	TITLE	CREDIT HOURS	MSU EQUIVALENT	MEETS CORE 42	MSU MAJOR REQUIREMENT
Social/Behavioral Sciences *9 credit hours* (Must fulfill 2 disciplines)	ECO 270 ○	Macroeconomics	3	ECO 155	✔	✔
Humanities and Fine Arts *9 credit hours* (Must fulfill 2 disciplines)	Choose one: ▲ *Foreign Language Option:* ASL 101 SPN 101 FRN 101 GRM 101 CHI 101 ASL 102 SPN 102 FRN 102 GRM 102 -OR- *Foreign Culture Option:* MUS 101 ENG 341		3	Varies	✔	✔
Program Specific Course	ACC 220 ○	Principles of Accounting	3	ACC 201		✔
Institutional Elective *4 hours required for A.A.B. degree*	BUS 160 ○	Business Law	3	LAW 231		✔
Oral Communications *3 credit hours*	COM 105 ○	Public Speaking	3	COM 115	✔	✔
Social/Behavioral Sciences *9 credit hours* (Civics requirement)	Choose one: HST 120 HST 130 PLS 101	 U.S. History I: to 1865 U.S. History II: 1865-Present American Government and Politics	3	HST 121 HST 122 PLS 101	✔	
		Semester 3 Total	18			

OTC Year 2 Semester 4

REQUIREMENT DESCRIPTION	OTC COURSE ID	TITLE	CREDIT HOURS	MSU EQUIVALENT	MEETS CORE 42	MSU MAJOR REQUIREMENT
Program Specific Course	ACC 225 ○	Managerial Accounting	3	ACC 211		✔
Institutional Elective *4 hours required for A.A.B. degree*	CIS 201	Computer Apps for Business	3	ITC 201		✔
Core Elective *5 hours required for Core 42*	ECO 275 ○	Microeconomics	3	ECO 165	✔	✔
Core Elective *5 hours required for Core 42*	MTH 210 ○	Statistical Methods	3	QBA 237	✔	✔
Natural Sciences *7 credit hours* (Must fulfill 2 disciplines including one course with a lab component)	Choose one: BCS 115 BCS 165 BIO 100 BIO 135 BIO 160 CHM 160 PHY 105 PHY 115 PHY 220 BCS 132 BCS 210 BIO 105 BIO 142 CHM 101 CHM 161 PHY 110 PHY 120		4	Varies	✔	
		Semester 4 Total	16			
		Total Hours at OTC	64-70	*Total Hours Applied Toward MSU Major/Business Admission Requirements:*		45

○ Fulfills a College of Business admission requirement   ∗ One credit hour course   ▲ May choose only one, falls under MOTR code 'PERF'

▲ Options listed fulfill the MSU Globalization requirement, see page 2 for more information.

Missouri State
UNIVERSITY

MSU Bachelor of Science in Information Technology
(Application Development Track)
after OTC Associate of Arts in Business

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Catalog Year: 2019-2020

MSU Year 3 Semester 1

REQUIREMENT DESCRIPTION	MSU COURSE ID	TITLE	CREDIT HOURS
Major Requirement	MGT 340	Principles of Management	3
Major Requirement	ITC 235	Computer Hardware and Operating Systems	3
Major Requirement	ITC 295	Database Management Systems Concepts and Design	3
Major Requirement	ITC 260	Introduction to Java Programming	3
Major Requirement	FIN 380	Financial Management	3
		Semester 1 Total	**15**

MSU Year 3 Semester 2

REQUIREMENT DESCRIPTION	MSU COURSE ID	TITLE	CREDIT HOURS
Major Requirement	ITC 388	Information Systems Analysis and Design	3
Major Requirement	MKT 350	Principles of Marketing	3
Major Requirement	MKT 364	Operations Management	3
Major Requirement #2	**Choose one:** ITC 362 ITC 370 ITC 475◯ ITC 366 ITC 466◯ ITC 528		3
Major Requirement #2	**Choose one:** ITC 362 ITC 370 ITC 475◯ ITC 366 ITC 466◯ ITC 528		3
		Semester 2 Total	**15**

MSU Year 4 Semester 3

REQUIREMENT DESCRIPTION	MSU COURSE ID	TITLE	CREDIT HOURS
Major Requirement #3	**Choose one:** ITC 330 ITC 394 ITC 466✧ ITC 528✧ ITC 560 ITC 583 ITC 362✧ ITC 397 ITC 475✧ ITC 535 ITC 563 ITC 366✧ ITC 420 ITC 494 ITC 545 ITC 564 ITC 370✧ ITC 430 ITC 495 ITC 555 ITC 581		3
Major Requirement #1	**Choose one:** ITC 466 Advanced .Net Development with C# ITC 475 Advanced Web Development		3
Major Requirement #2	**Choose one:** ITC 362 ITC 370 ITC 475◯ ITC 366 ITC 466◯ ITC 528		3
Major Requirement #3	**Choose one:** ITC 330 ITC 394 ITC 466✧ ITC 528✧ ITC 560 ITC 583 ITC 362✧ ITC 397 ITC 475✧ ITC 535 ITC 563 ITC 366✧ ITC 420 ITC 494 ITC 545 ITC 564 ITC 370✧ ITC 430 ITC 495 ITC 555 ITC 581		3
		Semester 3 Total	**12**

MSU Year 4 Semester 4

REQUIREMENT DESCRIPTION	MSU COURSE ID	TITLE	CREDIT HOURS
Major Requirement	ITC 429	Information Systems with Business Intelligence	3
Major Requirement	MGT 487	Strategic Management and Policy	3
General Elective **		Work with your MSU advisor to identify courses that will complement your specific career goals.	3
General Elective **		Work with your MSU advisor to identify courses that will complement your specific career goals.	4
Major Requirement	LAW 332	Debtor and Creditor Rights and Remedies	1
		Semester 4 Total	**14**
		Total Hours at MSU	**56**
		Total Hours Overall	**120-126**

** 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.

◯If not used in Major Requirement #1   ✧If not used in Major Requirement #1 or #2

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).