

Date Modified:	1.28.2020
MSU Transfer Advisor:	Zach Burt ZacharyBurt@MissouriState.edu 417-836-8481

# OZARKS TECHNICAL COMMUNITY COLLEGE

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

## OTC Associate of Arts degree to

### MSU Bachelor of Science in Exercise and Movement Science - Pre-Professional

Catalog Year: 2019-2020

The following is a guide to graduation with completion of an A.A. at OTC and MSU's Bachelor of Science in Exercise and Movement Science degree.

The B.S. in Exercise and Movement Science degree may be completed on campus only\*\*.

#### OTC Year 1 Semester 1

REQUIREMENT DESCRIPTION	OTC COURSE ID	TITLE	CREDIT HOURS	MSU EQUIVALENT	MEETS CORE 42	MSU MAJOR REQUIREMENT
<b>Institutional Requirement</b>	OTC 101	Navigating College	2	GEN 000		
<b>Mathematical Sciences</b> 3 credit hours Must earn "C" or better	<b>Choose one:</b>		5	MTH 138 MTH 261	✓	✓
	MTH 138 MTH 140	Pre-Calculus Mathematics Analytic Geometry and Calculus I				
<b>Natural Sciences</b> 7 credit hours (Must fulfill 2 disciplines including one course with a lab component)	<b>Choose one:</b>		4	BIO 101/111 BIO 121	✓	✓
	BIO 100 BIO 160**	Life Science General Biology I **Students preparing for Physical Therapy (PT), Occupational Therapy (OT) or Physician Assistant (PA) should choose BIO 160				
<b>Written Communications</b> 6 credit hours	<b>Choose one:</b>		3-5	ENG 110	✓	
	ENG 100 ENG 101	Composition I with Support Composition I				
<b>Social/Behavioral Sciences</b> 9 credit hours	PSY 110	Introduction to Psychology	3	PSY 121	✓	✓
<b>Semester 1 Total</b>			<b>17-19</b>			

#### OTC Year 1 Semester 2

REQUIREMENT DESCRIPTION	OTC COURSE ID	TITLE	CREDIT HOURS	MSU EQUIVALENT	MEETS CORE 42	MSU MAJOR REQUIREMENT
<b>Humanities and Fine Arts</b> 9 credit hours (Must fulfill 2 disciplines)	<b>Choose one:</b>		3	Varies	✓	
	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					
<b>Oral Communications</b> 3 credit hours Must earn "C" or better	COM 105	Public Speaking	3	COM 115	✓	✓
<b>Written Communications</b> 6 credit hours	<b>Choose one:</b>		3	ENG 210 ENG 221	✓	
	ENG 102 ENG 150	Composition II Technical Writing				
<b>Natural Sciences</b> 7 credit hours Must earn "C" or better (Must fulfill 2 disciplines including one course with a lab component)	PHY 120	General Physics I	4	PHY 123	✓	✓
<b>Semester 2 Total</b>			<b>13</b>			

#### OTC Year 2 Semester 3

REQUIREMENT DESCRIPTION	OTC COURSE ID	TITLE	CREDIT HOURS	MSU EQUIVALENT	MEETS CORE 42	MSU MAJOR REQUIREMENT
<b>Humanities and Fine Arts</b> 9 credit hours (Must fulfill 2 disciplines)	<b>Choose one:</b>		3	Varies	✓	
	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					
<b>Social/Behavioral Sciences</b> 9 credit hours (Civics requirement)	<b>Choose one:</b>		3	HST 121 HST 122 PLS 101	✓	
	HST 120	U.S. History I: to 1865				
	HST 130	U.S. History II: 1865-Present				
	PLS 101	American Government and Politics				
<b>Humanities and Fine Arts</b> 9 credit hours (Must fulfill 2 disciplines)	<b>Choose one:</b>		3	Varies	✓	
	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					
<b>Institutional Elective</b> Must earn "C" or better	CHM 160/161	General Chemistry I/General Chemistry I Lab	5	CHM160/161	✓	✓
<b>Institutional Elective</b> Must earn "C" or better in BIO 250	<b>Choose one:</b>		4	PHY 124 BIO 235/236	✓	✓
	PHY 130 (PT plan) BIO 250 (OT plan)	General Physics II Genetics				
<b>Semester 3 Total</b>			<b>18</b>			

#### OTC Year 2 Semester 4

REQUIREMENT DESCRIPTION	OTC COURSE ID	TITLE	CREDIT HOURS	MSU EQUIVALENT	MEETS CORE 42	MSU MAJOR REQUIREMENT
<b>Institutional Elective</b> Must earn "C" or better in BIO 292 for MSU PA pre-requisite requirement	<b>Choose one:</b>		4-5	BIO 122 BIO 210	✓	✓
	BIO 170 (PT Plan) BIO 292 (PA Plan)	General Biology II General Microbiology				
<b>Institutional Elective</b> Must earn "C" or better	CHM 170/171	General Chemistry II/General Chemistry II Lab	5	CHM 170/171	✓	✓
<b>Core Elective</b>	MTH 210	Statistical Methods	3	QBA 237	✓	✓
<b>Social/Behavioral Sciences</b> 9 credit hours (Must fulfill 2 disciplines)	<b>Choose one:</b>		3	Varies	✓	
	ANT 101 COM 150 ANT 220 CRM 210	ECO 270 GRY 101 HST 106 HST 130 PLS 201 SOC 101 ECO 275 HST 105 HST 120 PLS 101 PSY 130 SOC 210				
<b>Semester 4 Total</b>			<b>15-16</b>			
<b>Total Hours at OTC</b>			<b>63-66</b>	Total Hours Applied Toward MSU Major Requirements:		40-41

\* One credit hour course

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

\*\*BIO 100 will not meet the eligibility requirements for BMS 307. Students selecting the pre-professional option should meet with the MSU transfer advisor as soon as possible to determine most appropriate course selection. A combined (Missouri State and transfer) GPA of 2.50 or higher and a grade of "C" or better in all KIN courses is required.

Date Modified:	1.28.2020
MSU Transfer Advisor:	Zach Burt ZacharyBurt@MissouriState.edu 417-836-8481

**MSU Bachelor of Science in Exercise and Movement Science - Pre-Professional  
after Associate of Arts at OTC**

Catalog Year: 2019-2020

**MSU Year 3 Semester 1**

REQUIREMENT DESCRIPTION	MSU COURSE ID	TITLE	CREDIT HOURS
Major Requirement	KIN 210	Healthy Lifestyles: Preventative Approaches	3
Major Requirement	KIN 212	Introduction to Exercise Science	1
Major Requirement	KIN 350	Health and Wellness Promotion	3
Major Requirement	BMS 307	Human Anatomy	4
Major Requirement	DTN 240	Nutrition	3
<b>Semester 1 Total</b>			<b>14</b>

**MSU Year 3 Semester 2**

REQUIREMENT DESCRIPTION	MSU COURSE ID	TITLE	CREDIT HOURS
Major Requirement	<b>Choose one:</b> ATC 222 KIN 253	Athletic Injuries First Aid	2
Major Requirement	KIN 360	Kinesiology	4
Major Requirement	BMS 308	Human Physiology	4
Major Requirement	KIN 361	Principles of Motor Learning in Physical Education	2
Major Requirement	PSY 304	Abnormal Psychology	3
<b>Semester 2 Total</b>			<b>15</b>

**MSU Year 4 Semester 3**

REQUIREMENT DESCRIPTION	MSU COURSE ID	TITLE	CREDIT HOURS
Major Requirement	<b>Choose one:</b> CHM 201/202 CHM 342	Essentials of Organic Chemistry & Essentials of Organic Chemistry Lab Organic Chemistry I	3-5
Major Requirement	KIN 362	Exercise Physiology	4
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.		3
<b>Semester 3 Total</b>			<b>13-15</b>

**MSU Year 4 Semester 4**

REQUIREMENT DESCRIPTION	MSU COURSE ID	TITLE	CREDIT HOURS
Major Requirement	<b>Choose one:</b> CHM 345 (if CHM 342 taken in semester 3) General Elective	Microscale Organic Chemistry Laboratory OR Work with your MSU advisor to identify courses that will complement your specific career goals	2-3
Major Requirement	KIN 465	Exercise Prescription: Strength and Conditioning	2
Major Requirement	KIN 468	Adapted Physical Education	4
Major Requirement	KIN 569	Health Appraisal/Exercise Test	4
Major Requirement	<b>Choose one:</b> KIN 500 KIN 491	Seminar in Physical Education Field Experience	3-12
<b>Semester 4 Total</b>			<b>15-25</b>
<b>Total Hours at MSU</b>			<b>57-69</b>
<b>Total Hours Overall</b>			<b>120-135</b>

**Students preparing for possible selection into a physician assistant program should take both CHM 170/171 and both CHM 352/353. Students preparing for clinical science should take BMS 307 and BMS 308 for the anatomy and physiology requirement.**

\*\* 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.

**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).