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# 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 Arts in General Studies to

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

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.  
*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
<b>Institutional Requirement</b>	OTC 101	Navigating College	2	GEP 101		
<b>Mathematical Sciences</b> 3 credit hours	<b>Choose one ○:</b>		5	MTH 138 MTH 261	✓	✓
	MTH 138	Pre-Calculus Mathematics				
	MTH 140	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				
<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				
	ART 101	ASL 102				
	ART 105	CHN 101				
	ART 120▲	ENG 180				
	ENG 260	ENG 270	GRM 101	MUS 106	PHL 105	SPN 101
	ENG 265	ENG 271	GRM 102	MUS 110	REL 100	SPN 102
	ENG 240	FRN 101	MUS 101	MUS 235*▲	REL 101	THR 101
	ENG 241	FRN 102	MUS 105	PHL 101	REL 102	
<b>Oral Communications</b> 3 credit hours	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>Social/Behavioral Sciences</b> 9 credit hours Civics Requirement	<b>Choose one:</b>		3	Varies	✓	
	PLS 101	HST 120				
		HST 130				
<b>Natural Sciences</b> 7 credit hours (Must fulfill 2 disciplines including one course with a lab component)	<b>Choose one:</b>		4	PHY 123	✓	✓
	PHY 120 ○	General Physics I				
<b>Semester 2 Total</b>			<b>16</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						
	ART 101	ASL 102						
	ART 105	CHN 101						
	ART 120▲	ENG 180						
	ENG 260	ENG 270	GRM 101	MUS 106	PHL 105	SPN 101		
	ENG 265	ENG 271	GRM 102	MUS 110	REL 100	SPN 102		
	ENG 240	FRN 101	MUS 101	MUS 235*▲	REL 101	THR 101		
	ENG 241	FRN 102	MUS 105	PHL 101	REL 102			
<b>Humanities and Fine Arts</b> 9 credit hours (Must fulfill 2 disciplines)	ART 100	ASL 101	ENG 260	ENG 270	GRM 101	MUS 106	PHL 105	SPN 101
	ART 101	ASL 102	ENG 265	ENG 271	GRM 102	MUS 110	REL 100	SPN 102
	ART 105	CHN 101	ENG 240	FRN 101	MUS 101	MUS 235*▲	REL 101	THR 101
	ART 120▲	ENG 180	ENG 241	FRN 102	MUS 105	PHL 101	REL 102	
<b>Institutional Elective</b>	CHM 160/161 ○	General Chemistry I/General Chemistry I Lab	5	CHM160/161	✓	✓		
<b>Institutional Elective</b>	<b>Choose one:</b>		4	PHY 124 BIO 235/236		✓		
	PHY 130 (PT plan) BIO 250 ○ (OT plan)	General Physics II Genetics						
<b>Semester 2 Total</b>			<b>15</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>	<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>	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 ANT 220	COM 150 CRM 210					
	ECO 270	GRY 101	HST 106	HST 130	PLS 201	PSY 130	SOC 210
	ECO 275	HST 105	HST 120	PLS 101	PSY 110	SOC 101	
<b>Semester 3 Total</b>			<b>15-16</b>				
<b>Total Hours at OTC</b>			<b>63-66</b>	<i>Total Hours Applied Toward MSU Major Requirements:</i>		40-41	

\* One credit hour course

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

○ Must earn a "C" or better

◇ Students preparing for Physical Therapy (PT), Occupational Therapy (OT) or Physician Assistant (PA) should choose BIO 160

□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.

