

MSU Program Contact Info:	Angela Plank AngelaPlank@MissouriState.edu 417-836-6851
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OZARKS TECHNICAL COMMUNITY COLLEGE



OTC Associate of Science in Biology

to

MSU Bachelor of Science in Biology - Wildlife and Fisheries Option

Available on campus only.
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 138	Pre-Calculus Mathematics	5	MTH 138	✓
Written Communications	Choose one:		3-5	ENG 110	
	ENG 100 ENG 101	Composition I with Support Composition I			
Natural Sciences*	BIO 160	General Biology I	4	BIO 121	✓
Social/Behavioral Sciences <i>Meets Human Dimensions BIO requirement</i>	CRM 210	Introduction to Criminal Justice	3	CRM 210	✓
Semester 1 Total			15-17		

OTC Year 1 Semester 2

REQUIREMENT DESCRIPTION	OTC COURSE ID/TITLE		CREDIT HOURS	MSU EQUIVALENT	MSU MAJOR REQUIREMENT
Program Requirement	BIO 170	General Biology II	4	BIO 122	✓
Oral Communications	Choose one Oral Communications course.		3	Varies	
Natural Sciences*	CHM 160 and CHM 161	General Chemistry I and Lab	5	CHM 160 and CHM 161	✓
Institutional Elective	Any course numbered 100 and above - choose a course in consultation with your advisor.		3	Varies	
Semester 2 Total			15		

OTC Year 2 Semester 3

REQUIREMENT DESCRIPTION	OTC COURSE ID/TITLE			CREDIT HOURS	MSU EQUIVALENT	MSU MAJOR REQUIREMENT
Social/Behavioral Sciences* - Civics	Choose one:			3	PLS101 HST 121 HST 122	
	PLS 101	HST 120	HST 130			
Program Requirement	PHY 120	General Physics I	4	PHY 123	✓	
Institutional Elective	Any course numbered 100 and above - choose a course in consultation with your advisor.			3	Varies	
Program Requirement	BIO 250	Genetics	4	BIO 235 and BIO 236	✓	
Humanities and Fine Arts*	Choose one Humanities and Fine Arts course.			3	Varies	
Semester 3 Total				17		

OTC Year 2 Semester 4

REQUIREMENT DESCRIPTION	OTC COURSE ID/TITLE		CREDIT HOURS	MSU EQUIVALENT	MSU MAJOR REQUIREMENT
Recommended Institutional Elective <i>Meets Human Earth/Environmental Science BIO requirement</i>	PHY 110	Introduction to Geology	3	GLG 110	✓
Program Requirement	CHM 200	Survey of Organic Chemistry	5	CHM 201 and CHM 202	✓
Written Communications	Choose one:		3	ENG 210 ENG 221	
	ENG 102 ENG 150	Composition II Technical Writing			
Program Requirement	PHY 130	General Physics II	4	PHY 124	✓
Semester 4 Total			15	<i>Total MSU</i>	
Total Hours at OTC			62-64	<i>Major Hours</i>	41

*Must fulfill two disciplines

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Missouri State

U N I V E R S I T Y

MSU Bachelor of Science in Biology - Wildlife and Fisheries

after

OTC Associate of Science in Biology

MSU Year 3 Semester 1

REQUIREMENT DESCRIPTION	MSU COURSE ID/TITLE	CREDIT HOURS
Major Requirement - Capstone	BIO 302 Biology Seminar	1
Major Option Requirement	Choose one: BIO 320 BIO 361 Introduction to Cellular Biology General Physiology	4
Major Option Requirement	BIO 367 and BIO 368 General Ecology and Lab	4
Major Option Requirement - Management	Choose one Management course under the Wildlife and Fisheries Option (5 total credit hours required).	3-4
General Elective**	Choose an elective course in consultation with your advisor.	3
Semester 1 Total		15-16

MSU Year 3 Semester 2

REQUIREMENT DESCRIPTION	MSU COURSE ID/TITLE	CREDIT HOURS
Major Option Requirement - Ecology and Evolution	Choose one Ecology and Evolution course under the Wildlife and Fisheries option.	3-4
Major Option Requirement - Animal Biology	Choose one Animal Biology course under the Wildlife and Fisheries option.	2-5
Humanities and Fine Arts*	Choose one Humanities and Fine Arts course.	3
General Elective**	Choose an elective course in consultation with your advisor.	3
General Elective**	Choose an elective course in consultation with your advisor.	3
Social/Behavioral Sciences	Choose one Social and Behavioral Sciences course.	3
Semester 2 Total		17-21

MSU Year 4 Semester 3

REQUIREMENT DESCRIPTION	MSU COURSE ID/TITLE	CREDIT HOURS
Major Option Requirement - Animal Biology	Choose one Animal Biology course under the Wildlife and Fisheries option.	2-5
Major Option Requirement - Animal Biology	Choose one Animal Biology course under the Wildlife and Fisheries option.	2-5
Major Requirement/ Plant Biology	Choose one Plant Biology course under the Wildlife and Fisheries option.	2-4
Major Requirement	BIO 550 Statistical Methods for Biologists	3
Public Affairs Capstone Experience	Choose one Public Affairs Capstone Experience Course.	1-4
General Elective**	Choose an elective course in consultation with your advisor.	3
Semester 3 Total		13-24

MSU Year 4 Semester 4

REQUIREMENT DESCRIPTION	MSU COURSE ID/TITLE	CREDIT HOURS
Major Requirement - Capstone	BIO 492 Biology Program Assessment	0
Major Option Requirement - Ecology and Evolution	Choose one Ecology and Evolution course under the Wildlife and Fisheries option.	3-4
Major Option Requirement - Management	Choose from Management courses under the Wildlife and Fisheries Option (5 total credit hours required).	1-3
Public Affairs Capstone Experience	Choose one Public Affairs Capstone Experience Course.	1-4
Major Requirement/ Plant Biology	Choose one Plant Biology course under the Wildlife and Fisheries option.	2-4
General Elective**	Choose an elective course in consultation with your advisor.	3
General Elective**	Choose an elective course in consultation with your advisor.	3
Semester 4 Total		13-21
Total Hours at MSU		58-82
Total Hours Overall		120-146

**Work with your MSU advisor to identify courses that will complement your specific career goals. 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).