

MSU Program Contact Info:	Angela Plank AngelaPlank@MissouriState.edu 417-836-6851
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MSU Bachelor of Science in Biology with Chemistry Minor

after

OTC Associate of Science in Biology

MSU Year 3 Semester 1

REQUIREMENT DESCRIPTION	MSU COURSE ID/TITLE		CREDIT HOURS
Major Requirement	CHM 342	Organic Chemistry I	5
Major Requirement	Choose one:		4-5
	BIO 320 OR BIO 312 and 313	Introduction to Cellular Biology Microbiology with Lab	
Major Requirement - Capstone	BIO 302	Biology Seminar	1
General Elective**	Choose an elective course in consultation with your advisor.		3
Semester 1 Total			13-14

MSU Year 3 Semester 2

REQUIREMENT DESCRIPTION	MSU COURSE ID/TITLE		CREDIT HOURS
Major Elective	CHM 343 and CHM 345	Organic Chemistry II and Microscale Organic Chemistry Laboratory	5
Social/Behavioral Sciences	<u>Choose one Social and Behavioral Sciences course.</u>		3
Major Requirement	<u>Choose one or two BIO courses to equal 5 credit hours.</u>		5
General Elective**	Choose an elective course in consultation with your advisor.		2
Semester 2 Total			15

MSU Year 4 Semester 3

REQUIREMENT DESCRIPTION	MSU COURSE ID/TITLE		CREDIT HOURS
Humanities and Fine Arts*	<u>Choose one Humanities and Fine Arts course.</u>		3
Major Requirement - Capstone	BIO 367 and BIO 368	General Ecology and Lab	4
Major Requirement	CHM 352	Introduction to Biochemistry	5
Public Affairs Capstone Experience	<u>Choose one Public Affairs Capstone Experience Course.</u>		1-4
General Elective**	Choose an elective course in consultation with your advisor.		2
Semester 3 Total			15-18

MSU Year 4 Semester 4

REQUIREMENT DESCRIPTION	MSU COURSE ID/TITLE		CREDIT HOURS
Humanities and Fine Arts*	<u>Choose one Humanities and Fine Arts course.</u>		3
Major Requirement	BIO 550	Statistical Methods for Biologists	3
Major Requirement - Capstone	BIO 492	Biology Assessment	0
General Elective**	Choose an elective course in consultation with your advisor.		7
Semester 4 Total			13
Total Hours at MSU			56-60
Total Hours Overall			120-126

**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 degree is also available as a Bachelor of Arts (BA).
[Click here to access the Bachelor of Arts Degree Requirements](#)
Please consult an MSU transfer advisor to determine your best degree options.

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).

Date Modified:	9.6.23
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