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STLCC Associate in Arts - Transfer Studies

to

MSU Bachelor of Science in Biology - Wildlife & Fisheries

Available online or on campus.

Non-comprehensive majors require a minor or second major.

STLCC Year 1 Semester 1

STLCC Fall Semester 1		REQUIREMENT DESCRIPTION	STLCC COURSE ID/TITLE	CREDIT HOURS	MSU EQUIVALENT	MSU MAJOR REQUIREMENT	
		Written Communications	Choose a course from the approved Written Communications course list.		3	Varies	
		CORE 42 Elective & Major Option	GEO 111	Physical Geology	5	GLG 110	✓
		Prerequisite for MTH 170 and PHY 111	MTH 160	Precalculus Algebra	3	MTH 136	
		Oral Communications	Choose a course from the approved Oral Communications course list.		3	Varies	
		Humanities and Fine Arts	Choose a course from the approved Humanities & Fine Arts course list.		3	Varies	
		Semester 1 Total		17			

STLCC Year 1 Semester 2

STLCC Fall Semester 2					
REQUIREMENT DESCRIPTION	STLCC COURSE ID/TITLE		CREDIT HOURS	MSU EQUIVALENT	MSU MAJOR REQUIREMENT
Written Communications	Choose a course from the approved Written Communications course list.		3	Varies	
Mathematical Sciences	Choose one:		3-5	MTH 137 MTH 138	✓
	MTH 170 MTH 185	Precalculus Trigonometry Precalculus			
Natural Sciences (lab course)	BIO 140	Principles of Biology I	5	BIO 121	✓
Humanities and Fine Arts	Choose a course from the approved Humanities & Fine Arts course list.		3	Varies	
Semester 2 Total			14-16		

STLCC Year 2 Semester 3

REQUIREMENT DESCRIPTION	STLCC COURSE ID/TITLE		CREDIT HOURS	MSU EQUIVALENT	MSU MAJOR REQUIREMENT
Elective	BIO 141	Principles of Biology II	4	BIO 122	✓
Social and Behavioral Sciences: Civics Requirement	Choose a civics course from the approved Social & Behavioral sciences course list.		3	Varies	
Natural Sciences (lab course)	PHY 111	College Physics I	5	PHY 123	✓
Elective	Choose one:		5	CHM 116/117 CHM 160/161	✓
	CHM 101 CHM 105	Fundamentals of Chemistry I General Chemistry I			
Semester 3 Total			17		

STLCC Year 2 Semester 4

REQUIREMENT DESCRIPTION	STLCC COURSE ID/TITLE		CREDIT HOURS	MSU EQUIVALENT	MSU MAJOR REQUIREMENT
Social and Behavioral Sciences	Choose a course from the approved Social & Behavioral sciences course list.		3	Varies	
Social and Behavioral Sciences	Choose a course from the approved Social & Behavioral sciences course list.		3	Varies	
Humanities and Fine Arts	Choose a course from the approved Humanities & Fine Arts course list.		3	Varies	
Elective	Choose one:		4-5	PHY 124 PHY 204	✓
	PHY 112 PHY 223	College Physics II Engineering Physics II			
Elective	BIO 225	Genetics	3	BIO 235/236	✓
Semester 4 Total			16-17	Total MSU Major Hours:	35
Total Hours at STLCC			64-67*		

*Additional coursework beyond the 60 credit hours required for the AA degree is needed.



MSU Bachelor of Science in Biology - Wildlife & Fisheries

after

STLCC Associate in Arts- Transfer Studies

MSU Year 3 Semester 1

REQUIREMENT DESCRIPTION	MSU COURSE ID/TITLE		CREDIT HOURS
Major Core	Choose one:		5
	CHM 201 & 202	Essentials of Organic Chemistry/Lab	
	CHM 302	Introduction to Analytical Chemistry	
	CHM 342 & 343	Organic Chemistry I	
Major Core	BIO 302	Biology Seminar	1
Plant Biology	Choose one course from Wildlife and Fisheries Biology plant biology option (#2)		2-4
Human Dimensions	Choose one course from Wildlife and Fisheries Biology human dimensions option (#6)		2-4
Wildlife & Fisheries Option	BIO 367 & BIO 368	General Ecology/Ecology Lab	4
Semester 1 Total			14-18

MSU Year 3 Semester 2

REQUIREMENT DESCRIPTION		MSU COURSE ID/TITLE		CREDIT HOURS
Plant Biology	Choose one course from Wildlife and Fisheries Biology plant biology option (#2)			2-4
Wildlife and Fisheries Biology option	Choose one:			4
	BIO 320	Cellular and Moloecular Biology		
	BIO 361	General Physiology		
Animal Biology	Choose one course from Wildlife and Fisheries Biology animal biology option (#3)			2-4
Management	Choose five hours from Wildlife and Fisheries Biology management option (#4)			5
Semester 2 Total				13-15

MSU Year 4 Semester 3

REQUIREMENT DESCRIPTION	MSU COURSE ID/TITLE	CREDIT HOURS
Animal Biology	Choose one course from Wildlife and Fisheries Biology animal biology option (#3)	2-4
Ecology & Evolution	Choose one course from Wildlife and Fisheries Biology ecology and evolution option (#2)	3-4
Ecology & Evolution	Choose one course from Wildlife and Fisheries Biology ecology and evolution option (#2)	3-4
Animal Biology	Choose one course from Wildlife and Fisheries Biology animal biology option (#3)	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 3 Total		16-22

MSU Year 4 Semester 4

REQUIREMENT DESCRIPTION	MSU COURSE ID/TITLE		CREDIT HOURS
Major Core	BIO 492	Biology Program Assessment	0
Major Core	BIO 550	Statistical Methods for Biologists	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
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			15
Total Hours at MSU			58-70
Total Hours Overall			120-132

**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 degree
Please consult with an MSU advisor to determine your best degree options.

This information is provided as a guide only.

- STLCC students are strongly encouraged to meet with their major specific MSU transfer advisor early in their STLCC education to discuss the most appropriate STLCC 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., STLCC).

Date Modified: 8.19.25