OZARKS TECHNICAL COMMUNITY COLLEGE

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

Catalog Year: 2021-2022



OTC Associate of Applied Science in Agriculture

MSU Bachelor of Science in Natural Resources - General Natural Resources Option

The following is a guide to graduation with completion of OTC's Associate of Applied Science and MSU's Bachelor of Science in Natural Resources degree.

The B.S. Natural Resources degree may be completed on carrier or so

REQUIREMENT DESCRIPTION	OTC COURSE ID/TITLE	OTC COURSE ID/TITLE				MSU MAJOR REQUIREMENT
Institutional Requirement	AGR 100	Introduction to Agriculture	3	AGR 100		
Option Elective	AGR 114	Environmental Stewardship	2	AGN 115		✓
Written Communications 6 credit hours	Choose one: ENG 100 ENG 101	Composition I with Support Composition I	3-5	ENG 110	✓	
Mathematical Sciences 3 credit hours	Choose one: MTH 128 MTH 13 MTH 128S MTH 13 or any MTH course with a Co.	0S MTH 138 MTH 141 MTH 214 MTH 230 MTH 241	3-5	Varies	✓	
Social/Behavioral Sciences 9 credit hours (Must fulfill 2 disciplines)	ECO 270	Principles of Macroeconomics	3	ECO 155 (Student must take ECO 270+ECO 275 to satisfy AGB 144 equivalency)	✓	✓
		Semester 1 Total	14-18			-

REQUIREMENT DESCRIPTION	OTC COURSE ID	DTC COURSE ID/TITLE					CREDIT HOURS	MSU EQUIVALENT	MEETS CORE 42	MSU MAJOR REQUIREMENT		
Option Elective	AGR 235		Soils						3	AGN 215		✓
Social/Behavioral Sciences 9 credit hours (Must fulfill 2 disciplines)	ECO 275		Principles of Microeconomics				3	ECO 165 (Student must take ECO 270+ECO 275 to satisfy AGB 144 equivalency)	✓	✓		
(Tase ranni 2 alsophines)	Choose one:											
Humanities and Fine Arts 9 credit hours (Must fulfill 2 disciplines)	ART 100 ART 101 ART 105 ART 120	ASL 101 ASL 102 CHN 101 ENG 180	ENG 241 ENG 260	ENG 270 ENG 271 FRN 101 FRN 102	GRM 101 GRM 102 MUS 101 MUS 105	MUS 106 MUS 110 MUS 235∗▲ PHL 101	PHL 105 REL 100 REL 101 REL 102	SPN 101 SPN 102 THR 101	3	Varies	✓	
	Choose one:											
Written Communications 6 credit hours	ENG 102 ENG 150		Composition II Technical Writin	ng					3 ENG 210 ENG 221		✓	
Natural Sciences	Choose one (Choose one (Must earn a "C" or better):								1		
7 credit hours (Must fulfill 2 disciplines including one course with a lab component)	BIO 100 BIO 160		Life Science General Biology I				4	BIO 101/111 BIO 121	✓	✓		

REQUIREMENT DESCRIPTION	OTC COURSE ID/TIT	OTC COURSE ID/TITLE					CREDIT HOURS	MSU EQUIVALENT	MEETS CORE 42	MSU MAJOR REQUIREMENT		
Option Elective	AGR 180		Plant & Soil Scie	ence					4	AGP 103		
Social/Behavioral Sciences 9 credit hours (Must fulfill 2 disciplines)	Choose one: PLS 101							3	Varies	✓		
Oral Communications 3 credit hours	Choose one: COM 100					3	Varies	✓				
Humanities and Fine Arts 9 credit hours (Must fulfill 2 disciplines)	ART 101 ART 105 C	SL 101 SL 102 CHN 101 ENG 180	ENG 240 ENG 241 ENG 260 ENG 265	ENG 270 ENG 271 FRN 101 FRN 102	GRM 101 GRM 102 MUS 101 MUS 105	MUS 106 MUS 110 MUS 235*▲ PHL 101	PHL 105 REL 100 REL 101 REL 102	SPN 101 SPN 102 THR 101	3	Varies	✓	
Natural Sciences 7 credit hours (Must fulfill 2 disciplines including one course with a lab component)	Choose one (Must CHM 101 CHM 160/161		"C" or better): Introductory Ch General Chemis		Lab				4-5	CHM 116/117 CHM 160/161	✓	✓

OTC Year 2 Semester 4

REQUIREMENT DESCRIPTION	OTC COURSE ID/TITLE							CREDIT HOURS	MSU EQUIVALENT	MEETS CORE 42	MSU MAJOR REQUIREMENT
Option Elective	AGR 160	Animal Science				4	AGS 101		✓		
Option Elective	AGR 225	Urban Forestry						4	AGN 143		✓
Core Elective 5 hours required for Core 42	PHY 110	Introduction to	Geology					4	GLG 110	✓	✓
Institutional Elective	Any course numbered 10	0 and above- you	r choice					1	Varies		
Humanities and Fine Arts 9 credit hours (Must fulfill 2 disciplines)	Choose one: ART 100 ASL 10 ART 101 ASL 10 ART 105 CHN 10 ART 120▲ ENG 18	2 ENG 241 01 ENG 260	ENG 270 ENG 271 FRN 101 FRN 102	GRM 101 GRM 102 MUS 101 MUS 105	MUS 106 MUS 110 MUS 235*▲ PHL 101	PHL 105 REL 100 REL 101 REL 102	SPN 102 THR 101	3	Varies	✓	
							Semester 4 Total Total Hours at OTC	16 63-68		s Applied Toward or Requirements:	31-32

Date Modified: 8.6.21 Jim Bellis JimBellis@MissouriState.edu 417-836-5638 MSU Transfer Advisor:



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Catalog Year: 2021-2022

MSU Bachelor of Science in Natural Resources

after OTC Associate of Applied Science in Agriculture

MSU Year 3 Semester 1		ditter of the Ass	ociate of Applica Se	ience in Agriculture					
REQUIREMENT DESCRIPTION	MSU COURSE ID/TI	SE ID/TITLE							
Major Requirement	AGR 301	AGR Transfer Student	R Transfer Student Orientation						
Major Requirement	AGN 216	Soils Lab	s Lab						
Major Requirement	AGP 585	Weed Ecology and Ma	Veed Ecology and Management						
	Choose two:								
Major Requirement 6 hours required	AGP 441	AGP 353	AGP 365	AGP 370	AGP 393	AGN 543	6		
General Elective **	Work with your MS	ork with your MSU advisor to identify courses that will complement your specific career goals.							
						Semester 1 Total	14		

MSU Year 3 Semester 2 REQUIREMENT DESCRIPTION						
Major Requirement	AGN 405	Soil Fertility and Plant Nutrition				
Major Requirement	AGN 335	Soil Conservation and Water Management				
Major Requirement	AGN 465	Environmental Soil Science	3			
Major Requirement	Choose on AGB course nu	thoose on AGB course numbered 300 or higher with advisor approval.				
Major Requirement GEO 363 Introduction to Geographic Information Science		Introduction to Geographic Information Science	4			
		Semester 2 Total	16			

MSU Year 4 Semester 3

REQUIREMENT DESCRIPTION	MSU COURSE ID/TITLE	SU COURSE ID/TITLE					
Major Requirement	AGP 583	Plant Pathology	3				
Major Requirement	AGP 581	Applied Entomology	3				
General Elective **	Work with your MSU advis	k with your MSU advisor to identify courses that will complement your specific career goals.					
	"	Semester 3 Total	15				

ISU	Year	4	Semester	4

REQUIREMENT DESCRIPTION	MSU COURSE ID/TITLE	MSU COURSE ID/TITLE				
Major Requirement	AGR 490	Career Preparation in Agriculture	1			
Major Requirement	AGP 499	Internship in Plant Science and Natural Resources	3			
General Elective **	Work with your MSU ac	visor to identify courses that will complement your specific career goals.	9			
	'	Semester 4 Total	13			
·	·	Total Hours at MSU	57			
		Total Hours Overall	120-125			

^{**} 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,
- 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).