OZARKS TECHNICAL COMMUNITY COLLEGE



OTC Associate of Arts in Agriculture: General Agriculture

to

MSU Bachelor of Science in Natural Resources - General Natural Resources

Option

Available on campus. Comprehensive majors do not require a minor or second major.

OTC Year 1 Semester 1					
REQUIREMENT DESCRIPTION	OTC COURSE ID/TITLE	OTC COURSE ID/TITLE CI AGR 101 Introduction to Agriculture Industry		MSU EQUIVALENT	MSU MAJOR REQUIREMENT
Program Requirement	AGR 101			AGR 000	
General Agriculture Course	AGR 144	Agriculture Economics	3	AGB 144	✓
Written Communications	Choose one: ENG 100 ENG 101	Composition I with Support Composition I	3-5	ENG 110	
Mathematical Sciences	Choose one Mathen	Choose one Mathematical Science course.		Varies	
Social/Behavioral Sciences*	Choose one Social a	nd Behavioral Sciences course	3	Varies	
		Semester 1 Total	15-19		

OTC Year 1 Semester 2			CREDIT		
REQUIREMENT DESCRIPTION	OTC COURSE ID/TITL	OTC COURSE ID/TITLE		MSU EQUIVALENT	MSU MAJOR REQUIREMENT
General Agriculture Course	AGR 235	Soils	3	AGN 215	✓
Social/Behavioral Sciences*	<u>Choose one Socia</u>	l and Behavioral Sciences course	3	Varies	
Humanities and Fine Arts*	Choose one Hum	Choose one Humanities and Fine Arts course.		Varies	
Written Communications	Choose one: ENG 102 ENG 150	Composition II Technical Writing	3	ENG 210 ENG 221	
Natural Sciences*	Choose one (Must BIO 100 BIO 160	earn a "C" or better) : Life Science General Biology I	4	BIO 101/111 BIO 121	4
		Semester 2 Total	16		

REQUIREMENT DESCRIPTION	OTC COURSE ID/TITLE		CREDIT HOURS	MSU EQUIVALENT	MSU MAJOR REQUIREMENT
General Agriculture Course	AGR 114	Environmental Stewardship	2	AGN 115	✓
Social/Behavioral Sciences* - Civics	Choose one: PLS 101	HST 120 HST 130	3	Varies	
Oral Communications	Choose one Oral Communications course.		3	Varies	
Humanities and Fine Arts*	Choose one Humanities and Fine Arts course.		3	Varies	
Natural Sciences*	Choose one: CHM 101 Introductory Chemistry CHM 160/161 General Chemistry I/Chem I Lab		4-5	CHM 116/117 CHM 160/161	1
	1	Semester 3 Tota	15-16		

OTC Year 2 Semester 4					
REQUIREMENT DESCRIPTION	OTC COURSE ID/TITLE	OTC COURSE ID/TITLE			MSU MAJOR REQUIREMENT
General Agriculture Course	AGR 160	Animal Science	4	AGS 101	✓
General Agriculture Course	AGR 225	Urban Forestry	4	AGN 143	✓
Core Elective	PHY 110	Introduction to Geology	4	GLG 110	1
General Agriculture Course	Choose one General	Agriculture course.	2	Varies	
Humanities and Fine Arts*	Choose one Human	ties and Fine Arts course.	3	Varies	
	1	Semester 4 Tota	17	Total MSU	28-30
		Total Hours at OTC	63-68	Major Hours:	28-30

*Must fulfill two disciplines

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Missouri State

U NIVERSITY

MSU Bachelor of Science in Natural Resources - General Natural Resources

after

OTC Associate of Arts in Agriculture: General Agriculture

MSU Year 3 Semester 1			CREDIT	
REQUIREMENT DESCRIPTION	MSU COURSE ID/TITI	MSU COURSE ID/TITLE		
Major Requirement	AGR 301	AGR Transfer Student Orientation	1	
Major Requirement	AGN 216	Soils Lab	1	
Major Requirement	AGP 585	Weed Ecology and Management	3	
Option Requirement #1 6 hours required	Choose one course	e from General Natural Resources option, #1	3	
General Elective **	Choose a general elec	tive course in consultation with your advisor.	3	
General Elective **	Choose a general elec	tive course in consultation with your advisor.	3	
		Semester 1 Total	14	

MSU Year 3 Semester 2				
REQUIREMENT DESCRIPTION	MSU COURSE ID/TITLI	MSU COURSE ID/TITLE		
Major Requirement	AGN 405	Soil Fertility and Plant Nutrition	3	
Major Requirement	AGN 335	Soil Conservation and Water Management	3	
Major Requirement	AGN 465	Environmental Soil Science	3	
Option Requirement #2 9 hours required	Choose one course	hoose one course from Natural Resources option, #2		
Major Requirement	GEO 363	Introduction to Geographic Information Science	4	
	I.	Semester 2 Total	16	

MSU Year 4 Semester 3 REQUIREMENT DESCRIPTION	MSU COURSE ID/TITLE	MSU COURSE ID/TITLE Choose any AGB course numbered 300 and above.	
Program Elective	Choose any AGB cour		
Major Requirement	AGP 583	Plant Pathology	3
Major Requirement	AGP 581	Applied Entomology	3
Option Requirement #2 9 hours required	Choose one course	from Natural Resources option, #2	3
Option Requirement #1 6 hours required	Choose one course	from General Natural Resources option, #1	3
		Semester 3 Total	15

MSU Year 4 Semester 4 REQUIREMENT DESCRIPTION	MSU COURSE ID/TIT	AGR 490 Career Preparation in Agriculture	
Major Requirement	AGR 490		
Major Requirement	AGP 499	Internship in Plant Science and Natural Resources	3
Option Requirement #2 9 hours required	Choose one cours	hoose one course from Natural Resources option, #2	
General Elective **	Choose a general ele	elective course in consultation with your advisor.	
General Elective **	Choose a general ele	ctive course in consultation with your advisor.	2
		Semester 4 Total	12
		Total Hours at MSU	57
		Total Hours Overall	120-125

**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.

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).