

MSU Program Contact Info:	Agriculture@MissouriState.edu 417-836-5638
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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		CREDIT HOURS	MSU EQUIVALEN	MSU MAJOR REQUIREMENT
Program Requirement	AGR 101	Introduction to Agriculture Industry	3	AGR 000	
General Agriculture Course <i>18 credit hours required for AA</i>	Choose one General Agriculture course.		3-4	Varies	
Written Communications	Choose one: ENG 100 ENG 101	Composition I with Support Composition I	3-5	ENG 110	
Mathematical Sciences	Choose one Mathematical Science course.		3-5	Varies	
Social/Behavioral Sciences*	ECO 270 ☐	Principles of Macroeconomics	3	ECO 155	✓
Semester 1 Total			15-19		

OTC Year 1 Semester 2

REQUIREMENT DESCRIPTION	OTC COURSE ID/TITLE		CREDIT HOURS	MSU EQUIVALEN	MSU MAJOR REQUIREMENT
General Agriculture Course <i>18 credit hours required for AA</i>	AGR 235	Soils	3	AGN 215	✓
Social/Behavioral Sciences*	ECO 275 ☐	Principles of Microeconomics	3	ECO 165	✓
Humanities and Fine Arts*	Choose one Humanities and Fine Arts course.		3	Varies	
Written Communications	Choose one: ENG 102 ENG 150	Composition II Technical Writing	3	ENG 210 ENG 221	
Natural Sciences*	Choose one (Must earn a "C" or better): BIO 100 BIO 160	Life Science General Biology I	4	BIO 101/111 BIO 121	✓
Semester 2 Total			15		

OTC Year 2 Semester 3

REQUIREMENT DESCRIPTION	OTC COURSE ID/TITLE		CREDIT HOURS	MSU EQUIVALEN	MSU MAJOR REQUIREMENT
General Agriculture Course <i>18 credit hours required for AA</i>	Choose one General Agriculture course.		3-4	Varies	
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 (Must earn a "C" or better): CHM 101 CHM 160/161	Introductory Chemistry General Chemistry I/Chem I Lab	4-5	CHM 116/117 CHM 160/161	✓
Semester 3 Total			15-16		

OTC Year 2 Semester 4

REQUIREMENT DESCRIPTION	OTC COURSE ID/TITLE		CREDIT HOURS	MSU EQUIVALEN	MSU MAJOR REQUIREMENT
General Agriculture Course <i>18 credit hours required for AA</i>	AGR 160	Animal Science	4	AGS 101	✓
General Agriculture Course <i>18 credit hours required for AA</i>	AGR 225	Urban Forestry	4	AGN 143	✓
Core Elective	PHY 110	Introduction to Geology	4	GLG 110	✓
General Agriculture Course <i>18 credit hours required for AA</i>	Choose one General Agriculture course.		3-4	Varies	
Humanities and Fine Arts*	Choose one Humanities and Fine Arts course.		3	Varies	
Semester 4 Total			15-16	<i>Total MSU Major Hours:</i>	
Total Hours at OTC			60-66		12

*Must fulfill two disciplines

☐ Student must take ECO 270+ECO 275 to satisfy AGB 144 equivalency

MSU Bachelor of Science in Natural Resources - General Natural Resources

after

OTC Associate of Arts in Agriculture: General Agriculture

MSU Year 3 Semester 1

REQUIREMENT DESCRIPTION	MSU COURSE ID/TITLE		CREDIT HOURS
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 from General Natural Resources option, #1		3
Major Requirement	AGN 115	Sustainable Agriculture and the Environment	3
General Elective **			1
Semester 1 Total			15

MSU Year 3 Semester 2

REQUIREMENT DESCRIPTION	MSU COURSE ID/TITLE		CREDIT HOURS
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 from Natural Resources option, #2		3
Major Requirement	GEO 363	Introduction to Geographic Information Science	4
Semester 2 Total			15

MSU Year 4 Semester 3

REQUIREMENT DESCRIPTION	MSU COURSE ID/TITLE		CREDIT HOURS
Program Elective	Choose any AGB course numbered 300 and above.		3
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/TITLE		CREDIT HOURS
Major Requirement	AGR 490	Career Preparation in Agriculture	1
Major Requirement	AGP 499	Internship in Plant Science and Natural Resources	3
Option Requirement #2 9 hours required	Choose one course from Natural Resources option, #2		3
General Elective **			5
Semester 4 Total			15
Total Hours at MSU			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 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).