

Date Modified:	9.14.2020
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# OZARKS TECHNICAL COMMUNITY COLLEGE

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

Catalog Year: 2020-2021

## OTC Associate of Applied Science in Agriculture MSU Bachelor of Science in Natural Resources

The following is a guide to graduation with completion of OTC's Associate of Arts and MSU's Bachelor of Science in Natural Resources degree.  
The B.S. Natural Resources degree may be completed on campus.

### OTC Year 1 Semester 1

REQUIREMENT DESCRIPTION	OTC COURSE ID/TITLE	CREDIT HOURS	MSU EQUIVALENT	MEETS CORE 42	MSU MAJOR REQUIREMENT
<b>Institutional Requirement</b>	AGR 100 Introduction to Agriculture	3	AGR 100		
<b>Institutional Requirement</b>	OTC 101 Navigating College	2	GEN 000		
<b>Option Elective</b>	AGR 114 Environmental Stewardship	2	AGN 115		✓
<b>Written Communications</b> 6 credit hours	<b>Choose one:</b>	3-5	ENG 110	✓	
	ENG 100 Composition I with Support ENG 101 Composition I				
<b>Mathematical Sciences</b> 3 credit hours	<b>Choose one:</b>	3-5	Varies	✓	
	MTH 128 MTH 130 MTH 131 MTH 140 MTH 210 MTH 230 MTH 241 MTH 128S MTH 130S MTH 138 MTH 141 MTH 215 MTH 240 or any MTH course with a Core 42 approved prerequisite				
<b>Social/Behavioral Sciences</b> 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)	✓	✓
<b>Semester 1 Total</b>		<b>16-20</b>			

### OTC Year 1 Semester 2

REQUIREMENT DESCRIPTION	OTC COURSE ID/TITLE	CREDIT HOURS	MSU EQUIVALENT	MEETS CORE 42	MSU MAJOR REQUIREMENT
<b>Option Elective</b>	AGR 235 Soils	3	AGN 215		✓
<b>Social/Behavioral Sciences</b> 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)	✓	✓
	<b>Choose one:</b>	3	Varies	✓	
ART 100 ASL 101 ENG 260 ENG 350 GRM 101 MUS 106 PHL 105 SPN 101 ART 101 ASL 102 ENG 265 ENG 351 GRM 102 MUS 110 REL 100 SPN 102 ART 105 CHN 101 ENG 340 FRN 101 MUS 101 MUS 235*▲ REL 101 THR 101 ART 120▲ ENG 180 ENG 341 FRN 102 MUS 105 PHL 101 REL 102					
<b>Written Communications</b> 6 credit hours	<b>Choose one:</b>	3	ENG 210 ENG 221	✓	
	ENG 102 Composition II ENG 150 Technical Writing				
<b>Natural Sciences</b> 7 credit hours (Must fulfill 2 disciplines including one course with a lab component)	<b>Choose one (Must earn a "C" or better):</b>	4	BIO 101/111 BIO 121	✓	✓
	BIO 100 Life Science BIO 160 General Biology I				
<b>Semester 2 Total</b>		<b>16</b>			

### OTC Year 2 Semester 3

REQUIREMENT DESCRIPTION	OTC COURSE ID/TITLE	CREDIT HOURS	MSU EQUIVALENT	MEETS CORE 42	MSU MAJOR REQUIREMENT
<b>Option Elective</b>	AGR 180 Plant & Soil Science	4	AGP 103		✓
<b>Social/Behavioral Sciences</b> 9 credit hours (Civics Requirement)	<b>Choose one:</b>	3	HST 121 HST 122 PLS 101	✓	
	HST 120 U.S. History I: to 1865 HST 130 U.S. History II: 1865-Present PLS 101 American Government and Politics				
<b>Oral Communications</b> 3 credit hours	<b>Choose one:</b>	3	Varies	✓	
	COM 100 COM 105 COM 125 COM 200				
<b>Humanities and Fine Arts</b> 9 credit hours (Must fulfill 2 disciplines)	<b>Choose one:</b>	3	Varies	✓	
	ART 100 ASL 101 ENG 260 ENG 350 GRM 101 MUS 106 PHL 105 SPN 101 ART 101 ASL 102 ENG 265 ENG 351 GRM 102 MUS 110 REL 100 SPN 102 ART 105 CHN 101 ENG 340 FRN 101 MUS 101 MUS 235*▲ REL 101 THR 101 ART 120▲ ENG 180 ENG 341 FRN 102 MUS 105 PHL 101 REL 102				
<b>Natural Sciences</b> 7 credit hours (Must fulfill 2 disciplines including one course with a lab component)	<b>Choose one (Must earn a "C" or better):</b>	4-5	CHM 116/117 CHM 160/161	✓	✓
	CHM 101 Introductory Chemistry CHM 160/161 General Chemistry I/Chem I Lab				
<b>Semester 3 Total</b>		<b>17-18</b>			

### OTC Year 2 Semester 4

REQUIREMENT DESCRIPTION	OTC COURSE ID/TITLE	CREDIT HOURS	MSU EQUIVALENT	MEETS CORE 42	MSU MAJOR REQUIREMENT
<b>Option Elective</b>	AGR 160 Animal Science	4	AGS 101		✓
<b>Option Elective</b>	AGR 225 Urban Forestry	4	AGN 143		✓
<b>Core Elective</b> 5 hours required for Core 42	PHY 110 Introduction to Geology	4	GLG 110	✓	✓
<b>Institutional Elective</b>	Any course numbered 100 and above- your choice	1	Varies		
<b>Humanities and Fine Arts</b> 9 credit hours (Must fulfill 2 disciplines)	<b>Choose one:</b>	3	Varies	✓	
	ART 100 ASL 101 ENG 260 ENG 350 GRM 101 MUS 106 PHL 105 SPN 101 ART 101 ASL 102 ENG 265 ENG 351 GRM 102 MUS 110 REL 100 SPN 102 ART 105 CHN 101 ENG 340 FRN 101 MUS 101 MUS 235*▲ REL 101 THR 101 ART 120▲ ENG 180 ENG 341 FRN 102 MUS 105 PHL 101 REL 102				
<b>Semester 4 Total</b>		<b>16</b>			
<b>Total Hours at OTC</b>		<b>65-66</b>	<i>Total Hours Applied Toward MSU Major Requirements:</i>		<b>35-36</b>

\* One credit hour course

▲ May choose only one, falls under MOTR code 'PERF'

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**MSU Bachelor of Science in Natural Resources  
after OTC Associate of Applied Science**

**MSU Year 3 Semester 1**

REQUIREMENT DESCRIPTION	MSU COURSE ID/TITLE		CREDIT HOURS
Major Requirement	AGR 301	AGR Transfer Student Orientation	1
Major Requirement	AGP 585	Weed Ecology and Management	3
Major Requirement	<b>Choose one:</b>		3
	AGP 441	AGP 353      AGP 365      AGP 370      AGP 393	
General Elective **	Work with your MSU advisor to identify courses that will complement your specific career goals.		9
<b>Semester 1 Total</b>			<b>16</b>

**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
Major Requirement	<b>Choose one:</b>		3
	AGB 314 AGB 354	Legal Aspects of Agriculture Land Economics	
General Elective **	Work with your MSU advisor to identify courses that will complement your specific career goals.		3
<b>Semester 2 Total</b>			<b>15</b>

**MSU Year 4 Semester 3**

REQUIREMENT DESCRIPTION	MSU COURSE ID/TITLE		CREDIT HOURS
Major Requirement	AGP 583	Plant Pathology	3
Major Requirement	AGP 581	Applied Entomology	3
General Elective **	Work with your MSU advisor to identify courses that will complement your specific career goals.		3
General Elective **	Work with your MSU advisor to identify courses that will complement your specific career goals.		4
<b>Semester 3 Total</b>			<b>13</b>

**MSU Year 4 Semester 4**

REQUIREMENT DESCRIPTION	MSU COURSE ID/TITLE		CREDIT HOURS
Major Requirement	AGR 300	Food and Agricultural Chemistry	3
Major Requirement	AGR 490	Agronomy/Horticulture Senior Seminar	1
Major Requirement	AGR 499	Internship in Agriculture	1-8
General Elective **	Work with your MSU advisor to identify courses that will complement your specific career goals.		7
<b>Semester 4 Total</b>			<b>12-19</b>
<b>Total Hours at MSU</b>			<b>56-63</b>
<b>Total Hours Overall</b>			<b>120-128</b>

\*\* 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).