

**Murray State College**  
**Degree Check Sheet 2018-2019**  
**Associate in Science Degree in Science**  
*Pre-Medical/Pre-Veterinary Option*

**Required credits for the degree - 64-65 Credit Hours**

<b>Name:</b>	<b>Graduation Advisor Signature:</b>
<b>ID:</b>	<b>Date:</b>

General Education Requirements (40-41 Credits)	Credits	Grade	Semester	Notes
<b>English Composition (9 Credits)</b>				
ENG 1113 English Composition I	3			
ENG 1213 English Composition II	3			
<b>History and U.S. Government (6 Credits)</b>				
HST 1483 US History to 1877 (or) HST 1493 US History since 1877	3			
GVT 1113 American Federal Government	3			
<b>Science (8 Credits)</b>				
PHS 1114 General Physical Science (or) any general education science course	4			
BIO 1404 General Biology (or) other lab science course	4			
<b>Humanities (6 Credits) Courses are to be selected from the Humanities related electives, see listing for acceptable courses in the college catalog.</b>				
	3			
	3			
<b>Mathematics(3 Credits)</b>				
MTH 2143 Brief Calculus (or) MTH 1513 College Algebra	3			
<b>Liberal Arts (3 Credits)</b>				
PSY 1113 Intro to Psychology (or) SOC 1113 Intro to Sociology	3			
<b>Arts and Science (3 Credits)</b>				
SPC 1113 Fundamentals of Speech	3			
<b>Computer Proficiency (3 Credits)</b>				
CIS 1113 Computer Applications or displayed proficiency and 3 hrs Liberal Arts	3			
<b>Student Success (1 Credit) (first semester- first-time Freshman)</b>				
COL 1211 Success Strategies	1			
<b>Health, Wellness, &amp; Human Performance (2 Credits) (recommended)</b>				
Any approved Health, Wellness, and Human Performance course	2			

<b>Program Core and Recommended Electives - (24 Credit Hours Required)</b>							
Program Core Requirements (12 Hrs)	Credits	Grade	Sem	Recommended Program Electives (12 Hrs)	Credits	Grade	Sem
ZOO 1114 General Zoology (or)	4			AP 2124 Anatomy and Physiology I	4		
BOT 1114 General Botany	4			AP 2134 Anatomy and Physiology II	4		
CHM 1114 General Chemistry I	4			MIC 2224 Introduction to Microbiology	4		
PHY 1114 General Physics I	4			CHM 1214 General Chemistry II	4		
				PHY 1214 General Physics II	4		
				CON 1404 Conservation of Natural Resources	4		
				or other course with Science prefix			
Credit Hours Required	12			Substitutions must be approved by Program Chair	12		

**Total Credit Hours Required for the AS. In Science Degree: - 64-65**  
**15 hours in residence at MSC \_\_\_\_\_**  
**Min. 2.0 GPA \_\_\_\_\_**  
**Min. 38 Hours in Gen Ed Core \_\_\_\_\_**

# MURRAY STATE COLLEGE

## Associate in Science in Science

Catalog Year 2018-2019

The Science program is designed to provide students with a flexible program of study that provides opportunities to explore a broad range of scientific areas and prepare them for a Bachelor degree program. The diversity of programs available after transfer requires that the student consult with a Murray State College advisor, a Faculty Graduation Advisor and the transfer program they intend to attend after graduation.

FALL SEMESTER 1		
COURSE	TITLE	CREDITS
COL 1211/ 1211L	Success Strategies	1
ENG 1113	English Composition I	3
MTH 1513	College Algebra	4
HWP 1112	Personal Health	2
BIO 1404	Principals of Biology	4
CHM 1114	General Chemistry I	4
<b>TOTAL CREDITS</b>		<b>17</b>

SPRING SEMESTER 1		
COURSE	TITLE	CREDITS
ZOO 1114 or BOT 1114	General Zoology or Botany	4
Humanities	Humanities Course	3
PHS 1114	General Physical Science	4
ENG 1213	English Composition II	3
HST 1483/1493	US History	3
<b>TOTAL CREDITS</b>		<b>17</b>

FALL SEMESTER 2		
COURSE	TITLE	CREDITS
GVT 1113	American Federal Government	3
PHY 1114	General Physics I	4
PSY 1113 or SOC 1113	Liberal Arts	3
Humanities	Humanities Course	3
Science	Science Elective	4
<b>TOTAL CREDITS</b>		<b>17</b>

SPRING SEMESTER 2		
COURSE	TITLE	CREDITS
Science	Science Elective	4
SOC 2063	Deviance Crime and Delinquency	3
Liberal Arts	Liberal Arts Elective	3
SPC 1113	Fundamentals of Speech	3
Science	Science Elective	4
CIS 1113	Computer Applications	3
<b>TOTAL CREDITS</b>		<b>20</b>

This is a suggested course sequence only. Students may, with guidance from an Academic Advisor as well as a Faculty Advisor, make changes to their specific course sequence. The student should be aware that changes may result in more than four semesters to complete their desired Associates Degree.

### GENERAL COLLEGE PREPARATORY REQUIREMENTS

Students may be required to complete transitional courses in English and/or math prior to being admitted into college level courses.

Academic placement is determined either by ACT results or placement exams.