

Murray State College
Tishomingo and Ardmore

Science

DEGREE REQUIREMENTS

	Credit Hours
GENERAL EDUCATION	38
EFFECTIVE COMMUNICATION (9 Hours)	
ENG1113 English Composition I	3
ENG1213 English Composition II	3
SPC1113 Fundamentals of Speech	3
HISTORY AND POLITICAL AWARENESS (6 Hours)	
HST1483 US History to 1877 (or)	3
HST1493 US History since 1877	3
GVT1113 American Federal Government	3
MATH AND QUANTITATIVE REASONING (3 Hours)	
MTH2143 Brief Calculus (or)	3
MTH1513 College Algebra (or)	
MTH1413 Survey of Math	3
SCIENTIFIC REASONING (8 Hours)	
PHS1114 General Physical Science (or)	4
Any General Education Science Course (See listing of acceptable courses in the college catalog)	
BIO1404 Principles of Biology	4
HUMANITIES (6 Hours)	
CON2113 Rainforest Ecology (or)	3
Any course with the HUM prefix	
Any Area 4 course from college catalog	3
COMPUTER PROFICIENCY (3 Hours)	
CIS 1113 Computer Applications	3
(or Displayed Proficiency)	
ACADEMIC SUCCESS (if applicable)*	
COL1211/1211L Success Strategies.....	(1)
LIBERAL ARTS AND GLOBAL EDUCATION (3 Hours)	
PSY1113 Introduction to Psychology (or)	
SOC1113 Introduction to Sociology.....	3
PROGRAM REQUIREMENTS	12
CHM1114 General Chemistry I.....	4
ZOO1114 General Zoology (or)	4
BOT1114 General Botany	4
PHY1114 General Physics I	4
Substitutions may be made with prior Department Chair approval.	
SCIENCE ELECTIVES	10-12
AP 2124 Anatomy and Physiology I	4
AP 2134 Anatomy and Physiology II	4
BOT1114 General Botany	4
CHM1314 General, Organic & Biochemistry	4
CHM1214 General Chemistry II	4
CHM2345 Intro. To Organic Chemistry	5
CON1404 Conservation of Natural Resources	4
CON2113 Rainforest Ecology	3
CON2403 Conservation of Wildlife Resources	3
CON1404 Intro. To Wildlife Forensics	4
ENT2023 General Entomology.....	3
GEOL1014 General Geology	4
MIC2224 Introduction to Microbiology	4
PHY1214 General Physics II	4
SCI2224 Earth, Space and Environment	4
ZOO1114 General Zoology	4
Special Problems course	1-3
(BIO2810, CON2810, CHM2810, MIC2810, etc.)	
CON2911 Conservation Volunteerism	1
TOTAL CREDIT HOURS	60-62
HEALTH, WELLNESS, & HUMAN PERFORMANCE	
Personal Health, First Aid, or Activity course	2
MSC TOTAL CREDIT HOURS REQUIRED	62-64

SUGGESTED COURSE SEQUENCE

	Credit Hours
FIRST SEMESTER	14
ENG1113 English Composition I	3
CIS1113 Computer Applications.....	3
MTH1513 College Algebra	3
BIO1404 Principals of Biology	4
COL 1211/1211L Success Strategies*.....	1
SECOND SEMESTER	17
ENG1213 English Composition II	3
HST1483 American History to 1877	3
HUM Elective	3
CHM1114 General Chemistry I	4
PHS1114 General Physical Science	4
THIRD SEMESTER	16
PSY1113 Introduction to Psychology	3
GVT1113 American Government	3
Any approved HWP course	2
Science Elective	4
CHM1214 General Chemistry II	4
FOURTH SEMESTER	15
SPC1113 Fundamentals of Speech	3
ART Elective	3
CON2911 Conservation Volunteerism	1
ZOO1114 General Zoology	4
Science Elective	4

PROGRAM OVERVIEW

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.

CAREER OPPORTUNITIES IN SCIENCE

- Astronomy
- Biochemistry
- Conservation
- Electronics
- Environmental Science
- Geology
- Nursing
- Occupational Therapy Assistant
- Physical Therapy Assistant
- Physics
- Education

This is a suggested course sequence only. Students may, with guidance from an Academic Advisor as well as a Faculty Graduation Advisor, make changes to the course sequence. The student should be aware that changes to the course sequence may need more than four semesters to complete the Associate in Science 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.

*All first-time, full-time freshmen students seeking a degree or certificate are required to enroll in Success Strategies and the New Student Symposium.