

Murray State College
Tishomingo and Ardmore

Pre-Professional - Pre-Pharmacy Option

PROGRAM 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	
GVT1113 American Federal Government	3
SCIENTIFIC REASONING (8 Hours)	
PHY1114 General Physics I	4
BIO1404 Principles of Biology.....	4
MATH & QUANTITATIVE REASONING (3 Hours)	
MTH2143 Brief Calculus (or).....	3
MTH1513 College Algebra	
HUMANITIES (6 Hours)	
CON2113 Rainforest Ecology (or)	3
Any course with HUM prefix	
ECO2113 Principals of Macroeconomics (or)	3
Any Area 4 course from college catalog.	
COMPUTER PROFICIENCY (3 Hours)	
CIS 1113 Computer Applications	3
(or displayed proficiency)	
SOCIAL AND BEHAVIORAL SCIENCE (3 Hours)	
PSY1113 Introduction to Psychology (or)	3
SOC1113 Introduction to Sociology	
ACADEMIC SUCCESS (1 Hour, if applicable)*	
COL1211/1211L Success Strategies.....	(1)

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

SCIENCE PROGRAM CORE REQUIREMENTS	12
CHM1114 General Chemistry I	4
CHM1214 General Chemistry II	4
ZOO1114 General Zoology	4
Substitutions may be made with Department Chair approval.	

PRE-PHARMACY OPTION REQUIREMENTS	10
AP 2124 Anatomy and Physiology I	4
AP 2134 Anatomy and Physiology II	4
CHM2345 Intro. to Organic Chemistry	5
MIC2224 Introduction to Microbiology	4
PHY1214 General Physics II	4
SL 1111 Volunteerism (or)	1
CON2911 Conservation Volunteerism	

TOTAL CREDIT HOURS **60**

HEALTH, WELLNESS, & HUMAN PERFORMANCE	
HWP Personal Health, First Aid, or Activity.....	2
Courses (i.e., Swimming, Bowling Golf, Tennis, Dance, Weight Training, Walking/Jogging, Women's Fitness, etc.).	

MSC TOTAL CREDIT HOURS REQUIRED **62**

SUGGESTED COURSE SEQUENCE

	Credit Hours
FIRST SEMESTER	15
ENG1113 English Composition I	3
CIS1113 Computer Applications.....	3
MTH2143 Brief Calculus.....	3
PHY1114 General Physics I	4
HWP1112 Personal Health	2
SECOND SEMESTER	16
ENG1213 English Composition II	3
CHM1114 General Chemistry I	4
PHY1214 General Physics II	4
ZOO1114 General Zoology	4
SL1111 Volunteerism	1
THIRD SEMESTER	15
PSY1113 Introduction to Psychology	3
GVT1113 American Government.....	3
AP2124 Anatomy and Physiology I.....	4
CHM1214 General Chemistry II	4
SL1111 Volunteerism	1
FOURTH SEMESTER	16
ECO2113 Principals of Macroeconomics ..	3
SPC1113 Fundamentals of Speech.....	3
HST1483 American History to 1877	3
AP2134 Anatomy and Physiology II.....	4
CON2113 Rainforest Ecology (or)	3
HUM Elective	

The above list is a suggested course sequence only. Students may, with guidance from their Graduation Advisor, make changes to the course sequence. Students should be aware that changes to the course sequence may require more than four semesters to complete their Associate's Degree.

PROGRAM OVERVIEW

This pre-professional program prepares the student for completing a degree in a field of study that leads to a Pharmacy program. The diversity of requirements for individual programs requires that students consult with an advisor at Murray State College, the Chair of the Science Department and the Pharmacy School they plan to attend after graduation.

CAREER OPPORTUNITIES IN PHARMACY

- Pharmacist

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.

