Pre Professional – Veterinary Medicine 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 ............................ 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
SCIENTIFIC REASONING (8 Hours)
PHY1114 General Physics I (or) ............................. 4
Any General Education Science Course
(See listing of Area 3 courses in the Current College catalog)
BIO1404 Principles of Biology ............................... 4
HUMANITIES (6 Hours)
ENG 2433 Intro. to World Literature (or) ................. 3
Any course with a HUM prefix
Any course from Area 4 in the current College Catalog
COMPUTER PROFICIENCY (3 Hours)
CIS 1113 Computer Applications ........................... 3
(or Displayed Proficiency)
LIBERAL ARTS AND GLOBAL EDUCATION (3 Hours)
PSY1113 Introduction to Psychology (or) ............... 3
SOC1113 Introduction to Sociology
SCIENCE PROGRAM CORE REQUIREMENTS ...... 13
ZOO1114 General Zoology (or) ............................ 4
BOT1114 General Botany ................................. 3
CHM1114 General Chemistry II ......................... 4
SL1111 Volunteerism (or) ................................. 1
CON2911 Conservation Volunteerism
Substitutions may be made with prior Department Chair approval.
RECOMMENDED PROGRAM ELECTIVES .......... 9
AG1124 Introduction to Animal Science ................. 4
CHM2345 Organic Chemistry .............................. 4
BOT1114 General Botany ................................. 3
MIC2224 Introduction to Microbiology .................. 4
PHY1114 General Physics I ............................... 4
PHY1214 General Physics II .............................. 4
BIO2810 Special Problems course ......................... 1
ORI 1011 New Student Orientation ....................... 1
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
ENG 1113 English Composition I ....................... 3
MTH2143 Brief Calculus ................................. 3
BIO1404 Principles of Biology ............................ 4
CHM 1114 Chemistry I .................................... 3
ORI 1011 New Student Orientation ....................... 1
SECOND SEMESTER 17
ENG 1213 English Composition II .................... 3
CHM 1214 Chemistry II ................................... 4
ZOO1114 General Zoology ............................... 4
CIS 1113 Computer Applications ......................... 3
Liberal Arts Elective ...................................... 2
THIRD SEMESTER 16
HST 1483 American History to 1877 (or)
HST 1493 Amer. History since 1877 ...................... 3
SPC1113 Fundamentals of Speech ......................... 4
PHY 1114 General Physics I .............................. 4
Recommended Program Elective ......................... 4
PE 1112 Personal Health (or)
Any approved physical education course .............. 1
FOURTH SEMESTER 14
GVT 1113 Am. Federal Government .................... 3
PSY1113 Introduction to Psychology ..................... 3
Humanities Elective ....................................... 3
Recommended Program Elective ......................... 4
SL1111 Volunteerism ..................................... 1

This is a suggested course sequence only. Students may, with guidance from an Academic Advisor as well as a Faculty 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.

PROGRAM OVERVIEW

For admission to an undergraduate pre-professional curriculum the prospective veterinarian should have a special interest and excellent grades in the sciences, such as chemistry, physics, biology, and mathematics. Emphasis may be in Pre-Veterinary Medicine or Pre Veterinary Agriculture Medicine. Communication skills are also important. All veterinary colleges require a minimum of two years of pre-professional training for admission, and the professional curriculum includes two years of the basic medical sciences followed by two years of clinical veterinary medicine, surgery, and other supplemental courses.

GENERAL COLLEGE PREPARATORY REQUIREMENTS

MSC evaluates students for placement into either transitional or college-level courses, whichever will lead to the greatest possibility of student success. Academic placement is determined either by ACT test scores or by COMPASS test scores. These tests are administered in the Testing Centers at MSC Tishomingo or UCSO Ardmore. Based upon the scores, some or all of the following seven (7) courses may need to be taken:

MTH 0103 Introductory Math
MTH 0303 Beginning Algebra
MTH 0403 Intermediate Algebra
SCI 0103 Basic Science
ENG 0303 Basic English I
ENG 0403 Basic English II
ENG 0103 Reading I

(As of March 24, 2014)