BIOL 463 Virology
BIOL 465 Developmental Biology
BIOL 467 Human Genetics: Analysis/Apps
BIOL 489 Honors Course
BIOL 498 Independent Study
BIOL 499 Departmental Honors

Students interested in Veterinary School are encouraged to take BIOL 318 435; Students interested in Dental School are encouraged to take BIOL 461, 454, 465; Students interested in Pharmacy programs should take BIOL 461 454; Students interested in Physician Assistant programs should take BIOL 461 454 and an additional 1-3 credits of microbiology courses or independent study.

Total Hours 16-17

Req Related for Biology, BS

For Biology Majors the G2 block of the Liberal Arts Core will be fulfilled by your required related coursework.

CHEMISTRY

A C- or higher in CHEM 111 and 112 is a pre-requisite for CHEM 235. A C- or higher in CHEM 231 is a pre-requisite for CHEM 232. Students interested in graduate or professional school should take CHEM 231 and 232.

CHEM 111 Introductory Chemistry 1 4
CHEM 112 Introductory Chemistry 2 4

Organic Chemistry I (C- minimum) and II 8
CHEM 231 Organic Chemistry 1
CHEM 232 Organic Chemistry 2
CHEM 326 Biochemistry 1 4

MATHEMATICS FOR PRE-MEDICAL PROFESSIONS

MATH 161 Calculus 1 4

Biometry or Survey of Statistics - Choose 1 of the following: 3
MATH 375 Biometry
MATH 235 Survey of Statistics

PHYSICS

undefined - Choose 1 of the following options 1-2: 8-10
Option 1. Physics with Algebra

PHYS 131 Physics 1 with Algebra
PHYS 132 Physics 2 with Algebra

Option 2. Physics with Calculus

PHYS 231 Physics 1 with Calculus
PHYS 232 Physics 2 with Calculus

RECOMMENDED GENED FOR MCAT

PSYC 100, 227/228, PHIL 100 and SOCY 101 are recommended Gen Ed courses for students planning to take the MCAT

Total Hours 35-37