BIOLOGICAL SCIENCES

BIOLOGICAL/BIOMEDICAL EMPHASIS

At least 124 hours are required for graduation, and students must earn a 2.0 overall GPA, a 2.0 WSU GPA, and a 2.0 GPA in the major. Students must also complete all courses required for Liberal Arts and Sciences General Education.

REQUIREMENTS FOR BACHELOR OF SCIENCE: A minimum of 40 hours of approved Biology major courses.

210 General Biology I (4) – FL & SP
211 General Biology II (4) – FL & SP
418 General Ecology (4) – FL
419 Genetics (4) - FL
420 Molecular Cell Biology (4) - SP
497 Biology Colloquium (1) OR BIOL 499 Undergraduate Research (2-4) - FL & SP

AND one course chosen from the following:
330 General Microbiology (5) - FL
502 Vascular Plants (4) - SP
503 Field Botany(4) - SU
523 Freshwater Invertebrates (4)
524 Vertebrate Zoology (4)
528 Parasitology (4) - SP

Additional hours to total a minimum of 40 hours of approved Biology major courses chosen from:
526 Endocrinology (4)
527 Comparative Anatomy (5) FL
528 Parasitology (4) - SP
534/535 Human Physiology and Lab (3) (2) - SP
590 Immunobiology (3) - SP
626 Reproductive Biology (3)
730 Cancer Biology (3)

Other courses that meet this requirement must be approved by the Biology Department.

Additional courses required for the Biology major (30 hours)
CHEM 211 General Chemistry I (5)
CHEM 212 General Chemistry II (5)
CHEM 531 Organic Chemistry I (5)
CHEM 532 Organic Chemistry II (5)
PHYS 213 General College Physics I (5)
PHYS 214 General College Physics II (5)

Participation in Departmental Assessment program, including, the Field Achievement Test in Biology is required for graduation.

Requirements for Minor: Must complete four biology courses including:
210 General Biology I (4) – FL & SP
211 General Biology II (4) – FL & SP

AND two others chosen from the following options:
Option A - two from:
418 General Ecology (4) - FL
419 Genetics (4) - FL
420 Molecular Cell Biology (4) - SP

OR
Option B - one from:
418 General Ecology (4) - FL
419 Genetics (4) - FL
420 Molecular Cell Biology (4) - SP
330 General Microbiology (5) FL
502 Vascular Plants (4) - SP
503 Field Botany (4) - SU
523 Freshwater Invertebrates (4)
524 Vertebrate Zoology (4)
528 Parasitology (4) - SP

Note: Students must maintain a 2.0 GPA in all Biological Sciences coursework.

Dr. William Hendry, Chair
Department of Biological Sciences
537 Hubbard Hall, 978-3111

Maria Martino, Advisor
537 Hubbard Hall, 978-6081
maria.martino@wichita.edu