BIOLOGICAL SCIENCES Bachelor of Arts (BA) A12B
ECOLOGICAL/ENVIRONMENTAL/ORGANISMAL EMPHASIS

At least 120 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. In addition, Foreign Language courses (or the equivalents) are required for every BA degree in the College of Liberal Arts and Sciences.

REQUIREMENTS FOR BACHELOR OF ARTS: A minimum of 35 hours of approved Biology major courses

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

One course from the following:
330  General Microbiology (5)
502  Vascular Plants (4)
503  Field Botany (4)
524  Vertebrate Zoology (4)
528  Parasitology (4)

Select 5 additional credit hours from among those approved for the ecological/environmental/organismal emphasis (see academic advisor or departmental offices for approved courses)

Refer to the Biology course rotation website to select appropriate courses: wichita.edu/biolcourses

Additional courses required for the Biology major (15 hours)
CHEM 211  General Chemistry I (5)
CHEM 212  General Chemistry II (5)
CHEM 531  Organic Chemistry I (5)

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

Applied Learning: Students in the BA in biological sciences with ecological/environmental/organismal emphasis program are required to complete an applied learning or research experience to graduate from the program. The requirement can be met by completing BIOL 418 and/or BIOL 499.

Requirements for Minor: Must complete four biology courses including:

210  General Biology I (4)
211  General Biology II (4)

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

OR
Option B - one from:
418  General Ecology (4)
419  Genetics (4)
420  Molecular Cell Biology (4)

and one from:

330  General Microbiology (5)
502  Vascular Plants (4)
503  Field Botany (4)
528  Parasitology (4)

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

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