Evolution and Ecology minor program guidelines

Required for graduation
- No

Credit hours required
- A minimum of 15 credit hrs.
- 1000 level courses shall not be counted in the minor.
- At least 6 credits must be at the 3000 level or above.

Transfer and EM credit hours allowed
- A student is permitted to count up to 6 total hours of transfer credit and/or credit by examination.

Overlap with the GE
- A student is permitted to overlap up to 6 credit hours between the GE and the minor.

Overlap with the major and additional minor(s)
- The minor must be in a different subject than the major.
- The minor must contain a minimum of 12 hours distinct from the major and/or additional minor(s).

Grades required
- Minimum C- for a course to be listed on the minor.
- Minimum 2.00 cumulative point-hour ratio required for the minor.
- Course work graded Pass/Non-Pass cannot count on the minor.
- No more than 3 credit hours of coursework graded Satisfactory/Unsatisfactory may count toward the minor.

X193 credits
- No more than 3 credit hours.

Minor approval
- Not required as long as students complete the courses as indicated on the minor program sheet.

Filing the minor program form
- The minor program form must be filed at least by the time the graduation application is submitted to a college/school counselor.

Changing the minor
- Any changes must be approved by the undergraduate advisor.

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The minor in evolution and ecology focuses on the descent and interrelationships of organisms, including plants, animals, and microorganisms. These two disciplines provide an understanding of the pattern of life we see today. Evolution deals with both the historical path of evolution from pre-biotic Earth to the present, and with the processes contributing to evolutionary change, such as natural selection, genetic drift, and historical events. Ecology is the study of how organisms interact with other organisms and with their environment. It is one of the key sciences contributing to the broader field of conservation biology and the maintenance of biodiversity.

The minor requires completion of supporting courses in introductory biology and chemistry along with 15 credit hours of course work in the minor itself, including evolution (EEOB 3310), organismal diversity (EEOB 3320), ecology (EEOB 3410), plus 4 additional hours from a selection of courses.

**Required supporting courses (18 credit hours)**
- Biology 1113 and 1114 (8 hrs)
- Chemistry 1210 and 1220 (10 hrs)

**Required courses in the minor (15 credit hours)**
- EEOB 3310 (4 hrs)
- EEOB 3320 (3 hrs)
- EEOB 3410 (4 hrs)

Four hours of course work from among the following:
- EEOB 2210 (2 hr)
- EEOB 2220 (2 hr)
- EEOB 3420 (4 hr)
- EEOB 4210 (2 hr)
- EEOB 4220 (2 hr)
- EEOB 4230 (2 hr)
- EEOB 4240 (2 hr)
- EEOB 4410 (3 hr)
- EEOB 4420 (2 hr)
- EEOB 4430 (1 hr)
- EEOB 5310 (3 hr)
- EEOB 5320 (3 hr)
- EEOB 5410 (1.5 hr)
- EEOB 5420 (1.5 hr)
- EEOB 5430 (1.5 hr)
- EEOB 5450 (3 hr)
- EEOB 5460 (3 hr)
- EEOB 5470 (3 hr)