

**CURRENT**  
**Life Science Minor**

**The Ohio State University**  
**College of Food, Agricultural, and Environmental Sciences**  
**Approved by Colleges of the Arts and Sciences**

**Life Sciences Minor (Life Sci, 254)**

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<http://cfaes.osu.edu/current/undergrad/academics/minors.html>

This minor is designed to prepare students for graduate study or entry into the Colleges of Medicine or Veterinary Medicine which require study in the biological, mathematical, and physical sciences.

The life sciences minor consists of 20-25 hours selected as listed below. If you follow the guidelines on this sheet in completing the minor, you should file the Minor Program Form with your college or school counselor. Any variation from the program described on this sheet needs the approval of the coordinating or assistant coordinating adviser.

**Required courses (6 credit hours)**

Chemistry 251 and 252

**Elective course work (14-19 credit hours)**

Biochemistry 511, 512, 521

Biology 114

Chemistry 122, 123, 221, 245 or 254, 253, 244 or 246 or 255

Evolution, Ecology, and Organismal Biology 235, 630

Mathematics 151, 152, 153, 254

Microbiology 520, 521

Molecular Genetics 500, 605, 606, 607, 608, 650

Physics 112, 113

Plant Biology 436, 630, 631

Statistics 528, 529, 530

**Life Sciences minor program guidelines**

The following guidelines govern this minor.

Required for graduation No

Credit hours required A minimum of 20-25

Transfer credit hours allowed A maximum of 10

Overlap with the GEC Permitted, up to 5 credit hours.

Overlap with the major Not allowed and

- The minor must be in a different subject than the major.
- The minor is not available to students majoring in animal, dairy, or poultry science; or animal sciences.
- The same courses cannot count on the minor and on the major.

Overlap between minors Each minor completed must contain 20 unique hours.

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.

Approval required The minor program description sheet indicates if the minor course work must be approved by:

- A college/school counselor

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 Once the minor program is filed in the college office, any changes must be approved by:

- A college/school counselor

Arts and Sciences Curriculum Office <http://artsandsciences.osu.edu>  
The Ohio State University  
105 Brown Hall, 190 W. 17<sup>th</sup> Ave.  
KLM 07/19/06

**PROPOSED  
Life Science Minor**

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The life sciences minor consists of 20-25 hours selected as listed below. If you follow the guidelines on this sheet in completing the minor, you should file the Minor Program Form with your college or school counselor. Any variation from the program described on this sheet needs the approval of the coordinating or assistant coordinating advisor.

**Required courses (8 credit hours)**

Chemistry 251 and 252 [these are now 4 credits each, as is Chem 253]

**Elective course work (12-17 credit hours)**

Biochemistry 511, 512, 521

Biology 114

Chemistry 122, 123, 221, 245 or 254, 253, 244 or 246 or 255 [This was a little confusing. Should there be a semi-colon after 254?]

Evolution, Ecology, and Organismal Biology 235, 630

Mathematics 151, 152, 153, 254

Microbiology 520, 521

Molecular Genetics 500, 605, 606, 607, 608, 650

Physics 112, 113

Plant Biology 436, 630, 631

Statistics 528, 529, 530

**Arts and Sciences minor program guidelines**

The following guidelines govern this minor.

Required for graduation No

Overlap with the major Not allowed

- A student may not take a major and a minor in the same subject and courses used on the minor may not be used on the major.

Overlap with the GEC Permitted, up to 5 credit hours.

Credit hours required A minimum of 20-25

Transfer credit hours allowed A maximum of 10

Overlap between minors Each minor completed must contain 20 unique hours.

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.

Approval required Course work for this minor must be approved by a college/school counselor.

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 Once the minor program is filed in the college office, any changes must be approved by:

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100-level coursework The first 20 credit hours that can count toward this minor must be above the 100 level.

[The actual language from the ASC Curricular Operations Manual is: "The inclusion of 100-level courses, x94 (group studies) courses, or introductory courses designed to meet the General Education Curriculum (GEC) is discouraged. For every five credit hours of 100-level course work on the minor, the minimum total (20) required for the minor is increased by five."]

You may want to tweak what I wrote above to better reflect the language of the guidelines. ]

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4132 Smith Laboratory, 174 W. 18<sup>th</sup> Ave.  
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