

Big Changes in Biology Courses coming Fall 2010!

The Biology department will be rolling out new requirements for the biology major with a new introductory and core sequence, starting Fall 2010. The new major will only be required for freshmen starting 2010 and beyond, but the new courses will be available to all students starting next fall. And some courses will be going away:

Courses to be Dropped (as of Fall 2010):

Biology 25L Principles of Biology
Biology 116 Ecology & Evolution
Biology 118 Genetics & Molecular Biology

New 'Gateway' Courses* (to start Fall 2010):

Biology 101L. Gateway to Biology: Molecular Biology (*offered both fall & spring, prereq = Chem 31L*)
Biology 102L. Gateway to Biology: Evolution & Genetics (*offered both fall & spring*)

For current students (matriculated before Fall 2010) – What will you take to complete your major?

If you have completed the following before Fall 2010:

• No biology courses:

You will take the new gateways, Bio 101L & 102L, plus one course in Ecology (from list of approved courses online). These replace the current requirements for Bio 25L, 118, and 116. The remaining requirements are the same as current: Diversity (Bio 26 or alternate), Structure/Function, and five electives.

• AP (Bio 19) or Bio 25L only:

You will take the new gateways, Bio 101L & 102L. These replace the current requirements for Bio 118 and 116. The remaining requirements are the same as current: Diversity (Bio 26 or alternate), Structure/Function, and five electives. We encourage, but won't require, that you include some exposure to ecology in your elective courses in lieu of Bio 116.

• AP (Bio 19) or Bio 25L, and Bio 118 only:

You will take the evolution gateway Bio 102L. This will replace the current requirement for Bio 116, with some repetition of genetics already covered in 118. *Alternatively, you may take Bio 122 (Population Genetics), Bio 124 (Molecular Evolution), or Bio 187 (Evolutionary Genetics) in lieu of Bio 102L.* The remaining requirements are the same as current: Diversity (Bio 26 or alternate), Structure/Function, and five electives. We encourage, but won't require, that you include some exposure to ecology in your elective courses in lieu of Bio 116.

• AP (Bio 19) or Bio 25L, and Bio 116 only:

You will take the molecular gateway Bio 101L. This will replace the current requirement for Bio 118, though without the genetics covered in 118. The remaining requirements are the same as current: Diversity (Bio 26 or alternate), Structure/Function, and five electives.

• AP (Bio 19) or Bio 25L, and Bio 118 and Bio 116:

You're all set to complete the remaining requirements of the current major: Diversity (Bio 26 or alternate), Structure/Function, and five electives.

Note: The new gateway courses, Bio 101L and 102L, are the introductory 'core' course for the new major. Therefore, they **cannot be used as elective courses and they will **not** count towards the two lab courses for the major.*

New Diversity Options!

Biology 106L Organismal Diversity, with lab (*to be offered Fall 2010*)
Biology 107 Organismal Evolution, without lab (*to be offered Spring 2011*)