Courses in Biological Sciences

A Bio 130
General Biology: Molecular and Cell Biology and Genetics (3)
This course offered fully online. Formerly A BIO 121. First course in a two semester sequence which offers a comprehensive survey of the structures and functions common to all living systems at the molecular, cellular, organismal, and population levels. This course emphasizes molecular and cell biology, and genetics. Prerequisite: A Bio120 or equivalent. May not be taken for credit by students who have credit for A BIO 111 or A BIO 121. Visiting students who did not complete prerequisite(s) at the University at Albany will require permission of instructor.
(1397) Mayerhofer, Linda
6 Week 1: May 24 - July 2

A Bio 131
General Biology: Ecology, Evolution, and Physiology (3)
This course offered fully online. Formerly A BIO 120. Second course in a two semester sequence which offers a comprehensive survey of the structures and functions common to all living systems at the molecular, cellular, organismal, and population levels. This course emphasizes evolutionary principles, ecology, anatomy and physiology. May not be taken for credit by students who have credit for A BIO 110 or A BIO 120. Students must complete A BIO 131 with a C- or better to register for A BIO 212Y or A BIO 217. Prerequisite(s): A BIO 130 or A BIO 121. Visiting students who did not complete prerequisite(s) at the University at Albany will require permission of instructor.
(2007) Altrieth, Amber
4 Week 3: July 19 - August 13

A Bio 212Y
Introductory Genetics (4)
This course offered fully online. Genetics from the classical Mendelian Laws of inheritance to molecular genetics. Topics will include: DNA structure and replication; Mendelian genetics and recombination; population, fungal, somatic cell, and bacterial genetics; gene organization; the genetic code; mechanisms of gene expression and regulation; and applications of genetic technology. Prerequisite(s): A Bio 120 or A Bio 131 and A Bio 121 or A Bio 130, with a grade of C- or better in A Bio 121 (before Summer 2016) or A Bio 131. Visiting students who did not complete prerequisite(s) at the University at Albany will require permission of instructor.
(2218) Conklin, Douglas
6 Week 1: May 24 - July 2