Courses in Biological Sciences

A Bio 130  
General Biology: Molecular and Cell Biology and Genetics (3)  
*This course offered online through the Blackboard Learning System.* 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.*  
(1457) Mayerhofer, Linda  
6 Week 1: May 26-July 3  
*Online course in Blackboard*

A Bio 131  
General Biology: Ecology, Evolution, and Physiology (3)  
*This course offered online through the Blackboard Learning System.* 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.*  
(2196) Gervais, Elise  
4 Week 3: July 20-August 14  
*Online course in Blackboard*

A Bio 212Y  
Introductory Genetics (4)  
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.*  
(1116) Conklin, Douglas  
6 Week 1: May 26-July 3  
MTWThF 8:00a.m.-9:45a.m.  
ES-147

A Bio 397  
Topics in Biology: Introduction to Medicine (3)  
*This course offered online through the Blackboard Learning System.* In this course, students will be exposed to medical concepts via lectures, clinical case reports, and discussion. Emphasis will be placed on learning the medical education process, interviewing, and understanding the basic scope and practice of various specialties. The goal of this course is to equip students with confidence to facilitate their transition to medical school. Junior or senior class standing and permission of instructor. See department for permission of instructor.  
(2478) Mancilla Jr., Carlos
4 Week 1: May 26-June 19
*Online course in Blackboard*