

General Biology and Lab for Non Majors
KRSN BIO1010 - General Biology for Non Majors & Lab
KRSN BIO1011 - General Biology for Non Majors
KRSN BIO1012 - General Biology Lab for Non Majors

INSTITUTION	COURSE ID	COURSE TITLE	CREDIT HOURS
Allen County CC	BIO102	Principles of Biology	5
Barton County CC	LIFE1402	Principles of Biology	5
Butler CC	BI110	General Biology	5
Cloud County CC	SC101	General Biology	4
Coffeyville CC	BIOL101	General Biology	5
Colby CC	BI100	General Biology w/Lab	4
Cowley County CC	BIO4111	Principles of Biology	5
Dodge City CC	BIO101 and BIOL101	General Biology & Lab	5, 0
Ft. Scott CC	BIO1215	General Biology	5
Garden City CC	BIOL-105	Principles of Biology	5
Highland CC	BS101	College Biology	5
Hutchinson CC	BI101 and BI101L	General Biology/Lab	5
Independence CC	BIO1005	General Biology	5
Johnson County CC	BIOL121	Introduction to Biology for Non-Majors	4
Kansas City Kansas CC	BIOL0121	General Biology	5
Labette CC	BIOL120	Biology	5
Neosho County CC	BIOL111 and BIOL112	General Biology Lec./General Biology Lab	3, 2
Pratt CC	BIO125	General Biology	5
Seward County CC	BI1305	Principles of Biology	5
Flint Hills Tech Col	BI100 and BI101	General Biology/General Biology Lab	3, 1
Manhattan Area Tech Col	BSC110	Biology	5
North Central KS Tech Col	BIOL-121	Human Biology w/Lab	4
Northwest KS Tech Col	BIO155	General Biology	5
Salina Area Tech Col	BIO105	General Biology and Lab	5
Wichita Area Tech Col	BIO110	Principles of Biology	5
Emporia State U	GB100 and GB101	General Biology/General Biology Lab.	3, 1
Ft. Hays State U	BIOL100 and BIOL102	Human Biology/Lab. Experiences in Biology	3, 1
Kansas State U	BIOL198	Principles of Biology	4
Pittsburg State U	BIOL111 and BIOL112	General Biology/General Biology Lab	3,2
Univ. of Kansas	BIOL100 and BIOL102	Principles of Biology/Prin. Of Biology Lab	3, 1
Wichita State U	BIOL106 and BIOL107	The Human Organism/The Human Org. Lab	3, 2
Washburn U	BI100 and BI101	Introduction to Biology/Intro. to Biology Lab	3, 2

Revised 07/15/2014

General Biology & Lab for Non-Majors-BIO1010, BIO1011, BIO1012 CORE OUTCOMES

Upon completion of the above listed course, students will be able to do the following:

Demonstrate an understanding of the nature of science

- Scientific processes
- Scientific methods

Demonstrate an understanding of the levels of organization and emergent properties of life

- Chemical
- Cellular
- Organ/organ system
- Organismal
- Ecological

Demonstrate an understanding of bioenergetics

- Enzyme activity
- Metabolism
- Cellular respiration/photosynthesis

Demonstrate an understanding of the importance of reproduction in maintaining the continuity of life

- Mitosis
- Meiosis
- Differentiation/development
- Diversity of reproductive strategies

Demonstrate an understanding of applying principles of genetics to unity and diversity of life

- Classical genetics
- Molecular genetics

Demonstrate an understanding of discussing evolution as the mechanism of change in biology

- Natural selection
- Speciation
- Diversity of life/classification

Demonstrate an understanding of the principles of ecology

- Ecosystem organization
- Ecological interactions
- Environmental issues

Laboratory topics/skills

- Microscopy
- Quantitative measurement skills incorporating the metric system
- Analytical and statistical skills including presenting and/or interpreting graphs and tables
- Experience with living organisms in the laboratory and/or field setting
- Identification and proper use of laboratory equipment