

KRSN BIO1010 - General Biology and Lab for Non Majors**KRSN BIO1011 - General Biology for Non Majors****KRSN BIO1012 - General Biology Lab for Non Majors**For specific Institutional Transfer Articulation information visit: kansasregents.org/institutional-transfer-information.

INSTITUTION	COURSE ID	COURSE TITLE	CREDIT HOURS
Allen CC	BIO 102	Principles of Biology	5
Barton CC	LIFE 1402	Principles of Biology	5
Butler CC	BI 110	General Biology	5
Cloud County CC	SC 101	General Biology	4
Coffeyville CC	BIOL 101	General Biology	5
Colby CC	BI 100	General Biology with Lab	4
Cowley CC	BIO 4111	Principles of Biology	5
Dodge City CC	BIO 101	General Biology	5
	BIO 102	Principles of Biology	5
Fort Scott CC	BIO 1215	General Biology with Lab	5
Garden City CC	BIOL 105	Principles of Biology	5
Highland CC	BS 101	College Biology	5
Hutchinson CC	BI 101	General Biology	4
Independence CC	BIO 1005	General Biology and Lab for Non-Majors	5
JCCC	BIOL 121	Introduction to Biology for Non-Majors	4
KCKCC	BIOL 0121	General Biology	5
Labette CC	BIOL 120	Biology	5
Neosho County CC	BIOL 111 & BIOL 112	General Biology and	3 &
		General Biology Lab	2
Pratt CC	BIO 125	General Biology	5
Seward County CC	BI 1305	Principles of Biology	5
FHTC	BI 100 & BI 101	General Biology and	3 &
		General Biology Lab	1
Manhattan Tech	BSC 110 or BSC 110A & BSC 110B	Biology or	5
		Biology and	2.5 &
		Biology	2.5
NCK Tech	BIOL 121	Human Biology	4
NWKTC	BIO 155	General Biology	5
SATC	BIO 105	General Biology	5
WSU Tech	BIO 110	Principles of Biology	5
ESU	GB 100 & GB 101	General Biology and	3 &
		General Biology Lab	1
FHSU	BIOL 100 & BIOL 102	Human Biology and Lab Experiences in Biology	3 & 1
KSU	BIOL 198	Principles of Biology	4
KU	BIOL 100 & BIOL 102	Principles of Biology and	3 &
		Principles of Biology Lab	1
PSU	BIOL 111 & BIOL 112	General Biology and	3 &
		General Biology Lab	2
Washburn	BI 100 & BI 101	Introduction to Biology and	3 &
		Introduction to Biology Lab	2
WSU	BIOL 106 & BIOL 107	The Human Organism and	3 &
		The Human Organism Lab	1

Revised 03/05/2018

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

Course Effective Date: Fall 2012

Outcome Approval Date: Fall 2018

Next Outcome Review Date: Fall 2023

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