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## BIOL 1225: Pre-Health Sciences Biology 2

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### EFFECTIVE DATE

January 2017

### DEPARTMENT

UT Sciences

### DESCRIPTION

This course is the second of two biology courses in the Pre-Health Sciences Program. It provides an introduction to the study of anatomy and physiology of humans and reviews the major themes of anatomy and physiology from Pre-Health Sciences Biology 1. This course subsequently studies a number of human systems in greater depth including the circulatory system, lymphatic system, immune system, respiratory system, digestive system, urinary system, and human growth and development. This course will describe physiological functions that contribute to health and/or disease. Pre-Health Sciences Biology 1 and 2 combine to give the equivalent of NURS 1602 plus additional material.

### CREDITS

2.5

### YEAR OF STUDY

1st Year Post-secondary

### PREREQUISITES

Pre-Health Sciences Biology 1 with at least a C-

### COREQUISITES

None

### COURSE LEARNING OUTCOMES

Upon successful completion of this course, students will be able to:

- Comprehend and appropriately use anatomical terminology.
- Identify and locate organs responsible to specific functions.
- Describe the structure, and explain the relationship between structure and function in each organ system.
- Describe physiological processes that occur in each organ system.

## **PRIOR LEARNING ASSESSMENT & RECOGNITION (PLAR)**

Challenge exam or other method of assessment may be possible

## **HOURS**

Lecture: 48

## **INSTRUCTIONAL STRATEGIES**

This course primarily uses lecture-based instruction. Classes will also utilize some combination of discussions, case studies, animations and videos, clicker questions, on-line assignments and resources, and group work.

## **GRADING SYSTEM**

Letter Grade (A-F)

## **PASSING GRADE**

D

## **EVALUATION PLAN**

Type	Percentage	Assessment activity
Quizzes/Tests	35	Unit-based; Approximately 5 quizzes
Midterm Exam	25	Cumulative; 1
Final Exam	30	Cumulative; 1
Assignments	10	Assignments and Learning Activities

## **COURSE TOPICS**

- Review of the major themes from Pre-Health Sciences Biology 1
- The cardiovascular system
- The lymphatic system
- The immune system
- The respiratory system
- The digestive system
- The urinary system
- The reproductive system
- Pregnancy and human development

## LEARNING RESOURCES

None

### Notes:

- Course contents and descriptions, offerings and schedules are subject to change without notice.
- Students are required to follow all College policies including ones that govern their educational experience at VCC. Policies are available on the VCC website at:  
<https://www.vcc.ca/about/governance--policies/policies/>.
- To find out how this course transfers, visit the BC Transfer Guide at <https://www.bctransferguide.ca>.

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### Broadway campus

1155 East Broadway  
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### Downtown campus

250 West Pender Street  
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