



## Basic Course Information

Semester:	<b>Spring 2022</b>	Instructor Name:	<b>SUSAN MOSS</b>
Course Title & #:	<b>BIOL 202 – Human Anatomy &amp; Physiology 2</b>	Email:	<b>SUSAN.MOSS@IMPERIAL.EDU</b>
CRN #:	<b>20027</b>	Webpage (optional):	<b>NA</b>
Classroom:	<b>2736</b>	Office #:	<b>2776</b>
Class Dates:	<b>Starts 2/14/22</b>	Office Hours:	<b>MW 1:00 -2:30; TR 5:30-6:00</b>
Class Days:	<b>MW</b>	Office Phone #:	<b>760-355-5760</b>
Class Times:	<b>8:30 – 12:50</b>	Emergency Contact:	<b>NA</b>
Units:	<b>4</b>	Class Format:	<b>2 class periods/day</b>

## Course Description

Part two of a two-semester study of the structure and function of the human organism and our eleven organ systems. This course may require the use of human cadavers for observation and/or dissection. (CSU) (UC credit limited.)

## Course Prerequisite(s) and/or Corequisite(s)

Completion of BIOL 200 with a grade of C or better, or MATH 90 or 91 with a grade of C or better and current California LVN license.

## Student Learning Outcomes

Upon course completion, the successful student will have acquired new skills, knowledge, and or attitudes as demonstrated by being able to:

1. Display critical thought related to key concepts in human anatomy and physiology using written and/or oral forms of expression and examination. (ILO1, ILO2, ILO5)
2. Identify basic anatomy and physiological processes related to the human body. (ILO1, ILO2)

## Course Objectives

Details available on CurricUNET <http://www.curricunet.com/Imperial/>

The student will describe the structure and function of the endocrine system, cardiovascular system, lymphatic system, respiratory system, urinary system, digestive system, and reproductive systems.

## Textbook

*Human Anatomy & Physiology* Lab Manual, customized. Available at the bookstore only.

## Course Requirements and Instructional Methods

This online course incorporates PowerPoints, quizzes, lab practicals, videos, labs, and misc. activities related to the understanding of the human body.



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## Course Grading Based on Course Objectives

Final grades are calculated using a simple point system. If your practical average is  $\geq 70.0\%$ , your grade will be based on the total points you earn divided by the total points possible. The grading scale will be:

A  $\geq 90\%$       B = 80-89%      C = 70-79%      D = 60-69%      F  $\leq 59\%$

- ◆ Quizzes: 40 pts. each
- ◆ Lab practicals: 60 pts. each
- ◆ Lab worksheet: 10-20 pts each
- ◆ Misc. assignments: 10-15 pts each

## IVC Student Resources

IVC wants you to be successful in all aspects of your education. For help, resources, services, and an explanation of policies, visit <http://www.imperial.edu/studentresources> or click the heart icon in Canvas.


## Anticipated Class Schedule/Calendar

**\*\*\*Subject to change without prior notice\*\*\***

	First Period	Lab/Study Period
2/14	Introduction	-----
2/16	<b>QUIZ 1</b> - Syllabus	Metric System
2/21	<b>NO SCHOOL</b>	
2/23	<b>QUIZ 2</b> – Intro to A&P 2	Diffusion activities
2/28	<b>QUIZ 3</b> – Endocrine 1	Surface area:volume activities
3/2	<b>QUIZ 4</b> – Endocrine 2	Endocrine PhysioEx
3/7	OPEN LAB	<b>Practical 1</b> – Endocrine Starts: 11:00
3/9	<b>QUIZ 5</b> – Blood	Blood worksheet & typing
3/14	<b>QUIZ 6</b> - Heart	Heart; heart dissection
3/16	<b>QUIZ 7</b> – Blood Vessels	Blood vessel ID
3/21	OPEN LAB	<b>Practical 2</b> - Cardio Starts: 11:00
3/23	<b>QUIZ 8</b> - Respiratory	Respiratory
3/28	OPEN LAB	<b>Practical 3</b> – Blood vessel ID Starts: 11:00
3/30	<b>QUIZ 9</b> - Lymphatic	Respiratory PhysioEx

4/4	OPEN LAB	Practical 4 – Respiratory Starts: 11:00
4/6	QUIZ 10 – Defenses/Immunity	Interactive Physiology – Immune System

4/11	OPEN LAB	Practical 5 – Lymphatic & Defense Starts: 11:00
4/13	QUIZ 11 – Digestion 1	Digestion; Nutrition research

<b>SPRING BREAK!</b>		
April 18-24		

4/25	QUIZ 12 – Digestion 2	Digestion PhysioEx
4/27	QUIZ 13 – Cellular Resp	Interactive physiology - Digestion

5/2	OPEN LAB	Practical 6 - Digestion Starts: 11:00
5/4	QUIZ 14 - Urinary	Urinary

5/9	QUIZ 15 – Fluid Balance	Interactive physiology - Urinary
5/11	OPEN LAB	Practical 7 – Urinary Starts: 11:00

5/16	QUIZ 16 – Meiosis & Female Repro	Birth control & STD research
5/18	QUIZ 17 – Male Repro	Repro Systems

5/23	QUIZ 18 - Pregnancy	Video: “The Science of Sex Appeal”
5/25	QUIZ 19 – Genetics/Heredit	“Fun with Genes” worksheet

5/30	NO SCHOOL	
6/1	OPEN LAB	Practical 8 – Repro & Pregnancy Starts: 11:00

6/6	OPEN LAB	Practical 9 – Genetics & Heredit
		Starts: 11:00