

COURSE OUTCOME MATRIX

COURSE SYLLABUS

PART 2 of 3

Course Number and Title	BS 124 Anatomy and Physiology I
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Credit Hours	4
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Course Description	A Laboratory Course: 3 hours lecture, 2 hours laboratory work each week. An anatomy-physiology course that examines the general plan of body cells, tissues, and five major systems. Includes the function of integumentary, skeletal, muscular, nervous systems and somatic and special senses. A laboratory course designed to unify basic concepts of inorganic and organic chemistry to bring about a better understanding of the structure and function of the human body as relevant to health care.
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Prerequisite(s) and/or Corequisite(s)	None
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Required Textbooks/References/Course Materials:

Hole's Human Anatomy and Physiology Lab. Manual, Fetal Pig Version	16th	Snider/Martin	McGraw	1264262868
Bundle Package: Hole's Human Anatomy and Physiology (Looseleaf), Connect Access Card and Lab Manual	16th	Welsh/Prentice-Craver/Shier/Butler/Lewis	McGraw-Hill Publishing Company	1265536473
Hole's Human Anatomy and Physiology - Connect Access	16th	Shier, David N. / Butler, Jackie L. / Lewis, Ricki	McGraw-Hill Publishing Company	1264262833
Hole's Human Anatomy and Physiology (Looseleaf)	16th	Shier/Butler/Lewis	McGraw-Hill Publishing Company	1264262884

General Education Outcomes	
1	Utilize written and verbal language to discuss and comprehend information, incorporating a variety of technologies, such as text, data, and images (written language, verbal language, and information technology).
2	Identify and interpret relevant information in order to formulate an opinion or conclusion (critical thinking).
3	Demonstrate and communicate computational methods and mathematical reasoning in a variety of formats (using words, tables, graphs, mathematical equations, etc., as appropriate) (quantitative literacy and fluency).
4	Communicate in appropriate ways with those who are culturally diverse (intercultural competence).

Program Outcomes	
1	Students demonstrate a broad knowledge of science.
2	Students demonstrate how science processes work.
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	Course Outcomes (CO)	Bloom's Domain for CO (C, A, P), Category, and Level	Program Outcome(s)	Written Language	Verbal Language	Information Technology	Critical Thinking	Quantitative Literacy and Fluency	Intercultural Competence
1	Interpret the use of appropriate terminology to effectively communicate information relating to anatomy and physiology.	C-Understanding (2)	1	0	0	0	0	0	0
2	Recognize and explain the general plan of body cells and tissues.	C-Understanding (2)	1	0	0	0	0	0	0
3	Identify basic chemical concepts.	C-Remembering (1)	1	0	0	0	0	0	0
4	Describe cellular metabolism.	C-Remembering (1)	1	0	0	0	0	0	0
5	Distinguish the anatomical structures and physiological functions of the following body systems: integumentary, skeletal, joint, muscular, and nervous.	C-Understanding (2)	1	1	0	0	0	0	1
6	Explain ideas to make the connection between the knowledge of anatomy and physiology and actual life circumstances.	C-Understanding (2)	1	1	0	0	2	0	0
7	Demonstrate laboratory procedures used to examine anatomical structures and evaluate physiological functions of the human body.	P-Manipulate (2)	1, 2	0	0	0	1	0	0
8									
9									
10									

Bloom's Domain Legend

C = Cognitive
A = Affective
P = Psychomotor

General Education Outcome Legend

2 = Included and Measurable
1 = Introduced and/or Minimally Addressed and Not Measurable
0 = Not included

Approved: October 14, 2021
Reviewed: November 5, 2021