BI 232 General Course Objectives

	General Course Objectives	Core Learning Outcomes
	Upon successful completion of this course, the student should be able to:	
1	Develop a vocabulary of appropriate terminology to effectively communicate information related to anatomy and physiology	Communicate effectively
2	Describe the structure and /or function (physiology) of the nervous, cardiovascular (including hematology), and lymphatic/ immune systems at the different organizational levels and explain the interrelatedness within and between body system	Apply learning; Communicate effectively
3	Recognize and explain the principle of homeostasis and describe how feedback loops are utilized to achieve homeostasis and control physiological systems in the human body	Apply learning; Think critically; Communicate effectively
4	Use anatomical knowledge to predict or explain physiological consequences, and use knowledge of function to predict or explain the features of anatomical structures	Create ideas and solutions; Think critically; Apply learning; Communicate effectively
5	Demonstrate laboratory procedures used to examine anatomical structures and evaluate physiological functions of the nervous (including CNS, PNS and special senses), cardiovascular (including hematology) and lymphatic/immune systems	Apply learning; Communicate effectively
6	Utilize histological techniques and/or other appropriate technology to identify structures within the organ systems studied in BI232	Apply learning; Communicate effectively
7	Analyze anatomical and physiology data and/or interpret graphs including those related to hematology , cardiac cycles, ECG recordings and blood pressure hemodynamics	Think critically; Apply learning; Communicate Effectively
8	Approach and examine issues related to the nervous (including CNS, PNS and special senses), cardiovascular (including hematology) and lymphatic/immune systems using current best scientific evidence	Think critically; Apply learning; Communicate Effectively
9	Link new knowledge to relevant prior knowledge to make connections between anatomy and physiology and human health and disease including the impacts of genetic disorders, lifestyle, economic and environmental challenges on human health	Think critically; Apply learning; Communicate Effectively