

NATURAL SCIENCES
Institutional (ILO), Program (PLO), and Course (SLO) Alignment

Program: Life Science: Allied Health	Number of Courses: 6	Date Updated: 09.10.2014	Submitted by: T. Jim Noyes, ext. 3356
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ILOs	1. Critical Thinking <i>Students apply critical, creative and analytical skills to identify and solve problems, analyze information, synthesize and evaluate ideas, and transform existing ideas into new forms.</i>	2. Communication <i>Students effectively communicate with and respond to varied audiences in written, spoken or signed, and artistic forms.</i>	3. Community and Personal Development <i>Students are productive and engaged members of society, demonstrating personal responsibility, and community and social awareness through their engagement in campus programs and services.</i>	4. Information Literacy <i>Students determine an information need and use various media and formats to develop a research strategy and locate, evaluate, document, and use information to accomplish a specific purpose. Students demonstrate an understanding of the legal, social, and ethical aspects related to information use.</i>
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SLO-PLO-ILO ALIGNMENT NOTES:

Mark boxes with an 'X' if: SLO/PLO is a major focus or an important part of the course/program; direct instruction or some direct instruction is provided; students are evaluated multiple times (and possibly in various ways) throughout the course or are evaluated on the concepts once or twice within the course.

DO NOT mark with an 'X' if: SLO/PLO is a minor focus of the course/program and some instruction is given in the area but students are not formally evaluated on the concepts; or if the SLO/PLO is minimally or not at all part of the course/program.

PLOs	PLO to ILO Alignment			
	<i>(Mark with an X)</i>			
	1	2	3	4
PLO #1 Language Students will be able to use language appropriate to anatomy and physiology and the health sciences.		X		
PLO #2 Instruments Students will demonstrate the use of instruments for dissection, histology, and to gather data.	X			
PLO #3 Structures Students will be able to identify higher vertebrate body structures, and explain the functions of body systems.	X			

SLOs	SLO to PLO Alignment <i>(Mark with an X)</i>			COURSE to ILO Alignment <i>(Mark with an X)</i>			
	P1	P2	P3	1	2	3	4
ANAT 30 Essentials of Anatomy and Physiology: SLO #1 Language Students will be able to use language appropriate to anatomy and physiology and the health sciences.	X			X	X		
ANAT 30 Essentials of Anatomy and Physiology: SLO #2 Instruments Students will demonstrate the use of instruments for dissection, histology, and to gather data.		X					
ANAT 30 Essentials of Anatomy and Physiology: SLO #3 Structures Students will be able to identify higher vertebrate body structures, and explain the functions of body systems.			X				
ANAT 32 General Human Anatomy: SLO #1 Language Students will be able to use language appropriate to anatomy and the health sciences.	X			X	X		
ANAT 32 General Human Anatomy: SLO #2 Instruments Students will demonstrate the use of instruments for dissection, histology, and to gather data.		X					
ANAT 32 General Human Anatomy: SLO #3 Structures Students will be able to identify higher vertebrate body structures of all body systems.			X				
APHY 34A Anatomy and Physiology I: SLO #1 Language Students will be able to use language appropriate to anatomy and physiology, and the health sciences.	X			X	X		
APHY 34A Anatomy and Physiology I: SLO #2 Instruments Students will demonstrate the use of instruments for dissection, histology, and to gather data.		X					
APHY 34A Anatomy and Physiology I: SLO #3 Structures Students will be able to identify structures of the integumentary, skeletal, muscular, and nervous systems, in addition to explaining the functions of the systems.			X				
APHY 34B Anatomy and Physiology II: SLO #1 Language Students will be able to use language appropriate to anatomy and physiology, and the health sciences.	X			X	X		
APHY 34B Anatomy and Physiology II: SLO #2 Instruments Students will demonstrate the use of instruments for dissection, histology, and to gather data.		X					
APHY 34B Anatomy and Physiology II: SLO #3 Structures Students will be able to identify structures of the nervous, endocrine, circulatory, respiratory, digestive, urinary, and reproductive systems, in addition to explaining the functions of the systems.			X				
MICR 33 General Microbiology: SLO #1 Language Students will be able to use language appropriate to microbiological studies and the health sciences.	X			X	X		
MICR 33 General Microbiology: SLO #2 Instruments Students will demonstrate the use of instruments to gather data.		X					
MICR 33 General Microbiology: SLO #3 Microbes Student will be able to identify microbes and explain their roles in health and disease.			X				

SLOs	SLO to PLO Alignment <i>(Mark with an X)</i>			COURSE to ILO Alignment <i>(Mark with an X)</i>			
	P1	P2	P3	1	2	3	4
PHYO 31 Human Physiology: SLO #1 Language Students will be able to use language appropriate to physiological functions and the health sciences.	X			X	X		
PHYO 31 Human Physiology: SLO #2 Instruments Students will demonstrate the use of instruments to gather physiological data.		X					
PHYO 31 Human Physiology: SLO #3 Mechanisms Students will be able to describe mechanisms and explain physiological processes that occur in the human body on cellular, organ, systemic, and organismal levels.			X				