

Natural Sciences
Institutional (ILO), Program (PLO), and Course (SLO) Alignment

| | | | | | | | | | | | | | |
|---|----------------------|---|--------------------------------------|--------------------------------------|--|--|----|---|----|-----|----|---|----|
| Program: Health Sciences (Anatomy, Anatomy & Physiology, Microbiology, and Physiology) | | Number of Courses: 6 | | Date Updated 11.7.13 | | Submitted by T. James Noyes Ext. 3356 | | | | | | | |
| Institutional SLOs | I. Content Knowledge | II. Critical, Creative, and Analytical Thinking | III. Communication and Comprehension | IV. Professional and Personal Growth | V. Community and Collaboration | VI. Information and Technology Literacy | | | | | | | |
| Program Rating | 4 | 3 | 3 | 2 | 2 | 2 | | | | | | | |
| | | | | | | ILOs to PLOs Alignment (Rate 1-4) | | | | | | | |
| | | | | | | I | II | III | IV | V | VI | | |
| PLO #1. Health Science Language: Students will be able to use language appropriate to the health sciences. | | | | | | 4 | 2 | 4 | 2 | 2 | 3 | | |
| PLO #2. Use of Scientific Instruments: Students will demonstrate the use of instruments to gather data. | | | | | | 4 | 3 | 2 | 1 | 2 | 2 | | |
| PLO #3. Application of Health Science Concepts: Students will be able to apply concepts learned to healthy and pathological outcomes. | | | | | | 4 | 4 | 3 | 2 | 2 | 3 | | |
| Course Level SLOs | | | | | Course to Program SLO Alignment Mark with an X | | | ILOs to Course SLOs Alignment (Rate 1-4) | | | | | |
| | | | | | P1 | P3 | P3 | I | II | III | IV | V | VI |
| ANAT 30 Essentials of Anatomy and Physiology: SLO #1 - Students will be able to use language appropriate to anatomy and physiology and the health sciences. | | | | | X | | | 3 | 1 | 4 | 2 | 2 | 1 |
| ANAT 30 Essentials of Anatomy and Physiology: SLO #2 - Students will demonstrate the use of instruments for dissection, histology, and to gather data. | | | | | | X | | 4 | 3 | 2 | 2 | 2 | 3 |
| ANAT 30 Essentials of Anatomy and Physiology: SLO #3 - Students will be able to identify higher vertebrate body structures, and explain the functions of body systems. | | | | | | | X | 4 | 4 | 3 | 2 | 2 | 2 |

| Course Level SLOs | Course to Program SLO Alignment Mark with an X | | | ILOs to Course SLOs Alignment (Rate 1-4) | | | | | |
|---|---|----|----|---|----|-----|----|---|----|
| | P1 | P3 | P3 | I | II | III | IV | V | VI |
| ANAT 32 General Human Anatomy: SLO #1 - Students will be able to use language appropriate to anatomy and the health sciences. | X | | | 3 | 1 | 4 | 2 | 2 | 1 |
| ANAT 32 General Human Anatomy: SLO #2 - Students will demonstrate the use of instruments for dissection, histology, and to gather data. | | X | | 4 | 3 | 2 | 2 | 2 | 3 |
| ANAT 32 General Human Anatomy: SLO #3 - Students will be able to identify higher vertebrate body structures of all body systems. | | | X | 4 | 4 | 3 | 2 | 2 | 2 |
| APHY 34A Anatomy and Physiology I: SLO #1 - Students will be able to use language appropriate to anatomy and physiology, and the health sciences. | X | | | 3 | 1 | 4 | 2 | 2 | 1 |
| APHY 34A Anatomy and Physiology I: SLO #2 - Students will demonstrate the use of instruments for dissection, histology, and to gather data. | | X | | 4 | 3 | 2 | 2 | 2 | 3 |
| APHY 34A Anatomy and Physiology I: SLO #3 - 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 | 4 | 4 | 3 | 2 | 2 | 2 |
| APHY 34B Anatomy and Physiology II: SLO #1 - Students will be able to use language appropriate to anatomy and physiology, and the health sciences. | X | | | 3 | 1 | 4 | 2 | 2 | 1 |
| APHY 34B Anatomy and Physiology II: SLO #2 - Students will demonstrate the use of instruments for dissection, histology, and to gather data. | | X | | 4 | 3 | 2 | 2 | 2 | 3 |
| APHY 34B Anatomy and Physiology II: SLO #3 - 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 | 4 | 4 | 3 | 2 | 2 | 2 |

| Course Level SLOs | Course to Program SLO Alignment Mark with an X | | | ILOs to Course SLOs Alignment (Rate 1-4) | | | | | |
|--|---|----|----|---|----|-----|----|---|-----|
| | P1 | P3 | P3 | I | II | III | IV | V | V I |
| MICR 33 General Microbiology: SLO #1 - Students will be able to use language appropriate to microbiological studies and the health sciences | X | | | 3 | 3 | 4 | 2 | 2 | 1 |
| MICR 33 General Microbiology: SLO #2 - Students will demonstrate the use of instruments to gather data. | | X | | 4 | 3 | 2 | 2 | 2 | 3 |
| MICR 33 General Microbiology: SLO #3 - Student will be able to identify microbes and explain their roles in health and disease. | | | X | 4 | 4 | 2 | 2 | 2 | 2 |
| PHYO 31 Human Physiology: SLO #1 - Students will be able to use language appropriate to physiological functions and the health sciences. | X | | | 3 | 1 | 4 | 2 | 2 | 1 |
| PHYO 31 Human Physiology: SLO #2 - Students will demonstrate the use of instruments to gather physiological data. | | X | | 4 | 3 | 2 | 2 | 2 | 3 |
| PHYO 31 Human Physiology: SLO #3 - 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 | 4 | 4 | 3 | 2 | 2 | 2 |