



| Department of Life Science and Kinesiology | | | |
|--|-----------------------|------|------|
| Metric | Results (Scale 1 – 5) | | |
| | 2012 | 2013 | 2014 |
| Progress on Relevant Objectives Adj. (A) | n.r | n.r | 3.95 |
| Overall Ratings Excellent Teacher Adj. (B) | n.r | n.r | 4.33 |
| Overall Ratings Excellent Course Adj. (C) | n.r | n.r | 4.14 |
| Average of B and C Adj. | n.r | n.r | 4.22 |
| Summary Evaluation (Average of A and D) Adj. | n.r | n.r | 4.09 |

Biology Major Portfolio Results by Learning Objective: (scale out of 100)

2014

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|--|------|
| 1. Apply information and computer technology to obtain, manipulate, and communicate scientific and mathematical information. | 61.1 |
| 2. Interpret technical articles in professional academic journals | 88.8 |
| 3. Apply algebraic, trigonometric, and differential terms and functions | 100 |
| 4. Interpret statistics to analyze data sets | 66.6 |
| 5. Compose scholarly papers using appropriate professional format | 88.8 |
| 6. Apply standard laboratory methods safely and accurately | 61.1 |
| 7. Explain the philosophical basis of science and mathematics | 61.1 |
| 8. Explain the fundamental principles and concepts in the life sciences, including genetics | 100 |
| 9. Assess ethical issues regarding research, technology, publication, intellectual property rights, and human impact on biodiversity | 66.6 |
| 10. Describe major events in the history of mathematics and the sciences | 77.7 |
| 11. Explain the fundamental principles and concepts in the physical sciences, including physics and organic chemistry | 88.8 |

Average of all Learning Objectives

78.28

Biomedical Science Major Portfolio Results by Learning Outcome: (out of 100)

2014

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|---|------|
| 1. Apply information and computer technology to obtain, manipulate, and communicate scientific and mathematical information. | 83.3 |
| 2. Interpret technical articles in professional and academic journals. | 75.2 |
| 3. Apply algebraic, trigonometric, and differential terms and functions. | |
| 4. Interpret statistics to analyze data sets. | 86.1 |
| 5. Compose scholarly papers using appropriate professional format. | 81.5 |
| 6. Apply standard laboratory methods safely and accurately. | 88.8 |
| 7. Explain the philosophical basis of science and mathematics | 75.9 |
| 8. Explain the fundamental principles in life sciences and physical sciences. | 83.3 |
| 9. Assess ethical issues within the medical profession regarding research, technology, publication, and intellectual property rights. | 83.3 |
| 10. Describe major events in the history of mathematics and the sciences. | 75 |

Average of all Learning Objectives

80.7

Exercise Science Major Portfolio Results by Learning Outcome (out of 100)

2014

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|---|------|
| 1. Demonstrate a fundamental understanding of anatomy and physiology as it relates to human movement. | 66.6 |
| 2. Demonstrate the application of anatomical and physiological knowledge in the study of human movement to areas related to exercise and physical activity. | 66.6 |
| 3. Demonstrate the integration of other Natural Science disciplines with the study of human movement. | 66.6 |
| 4. Demonstrate a fundamental understanding of the philosophical and aesthetic foundations of human movement and the relationship to health and exercise. | 55.5 |
| 5. Demonstrate a fundamental understanding of psycho-social areas related to exercise and physical activity. | 61.1 |
| 6. Demonstrate the basic research and statistical competencies in using and interpreting data related to human movement. | 66.6 |

Average of all Learning Objectives

63.8

Fitness and Health Promotion Major Portfolio Results by Outcome (out of 100)

2014

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|---|------|
| 1. Demonstrate a fundamental understanding of anatomy and physiology as it relates to human movement, specifically health and fitness. | 52.7 |
| 2. Demonstrates the application of anatomical and physiological knowledge in the study of human movement to areas related to health and fitness. | 50 |
| 3. Demonstrate knowledge of methods to develop and promote appropriate health and fitness programs for a variety of populations. | 43 |
| 4. Demonstrate a fundamental understanding of the philosophical and aesthetic foundations of human movement and the relationship to health and fitness. | 45 |
| 5. Demonstrate a fundamental understanding of psycho-social areas related to health and fitness. | 44.4 |
| 6. Demonstrate the basic research and statistical competencies in using and interpreting data related to human movement. | 47.2 |

Average of all Learning Objectives

47.1