

**COLLEGE OF HEALTH SCIENCES – Master of Science in Medical Sciences
Program Learning Outcomes – FA2024-SP2025**

Program Learning Outcome 1:

Demonstrate advanced knowledge of the different biomedical sciences.

Criteria for Success: The average grades of students in the three required biomedical sciences is above 70%.

Signature Assignment: Average of written exams for Anatomy and Neuroanatomy, with cumulative exam for embryology.

Course: ANA 6001

Exam Results.

	Human Gross Anatomy	Applied Neuroanatomy	Human Embryology
Fall 2024	70.1%	78.1%	91%

Interpretation and Conclusion:

The Human Gross Anatomy course is at the start of the program with 6 units, while neuroanatomy and embryology are 3 units in spring. Students find the first semester challenging as they are back to learning after a while and trying to get used to graduate level coursework.

Changes to be made:

N/A

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Program Learning Outcome 2:

Dissect a human body donor as a tool to advance anatomical knowledge

Criteria for Success: The average grades of students in the 4 practical exams in ANA 6001 is above 70%.

Signature Assignment: Practical exams that requires identification of structures on a dissected human body.

Course: ANA 6001

Practical Exam Results.

	Practical Exam Average
Fall 2024	77.4%

Interpretation and Conclusion:

The Human Gross Anatomy course is at the start of the program with 6 units, while neuroanatomy and embryology are 3 units in spring. Students find the first semester challenging as they are back to learning after a while and trying to get used to graduate level coursework.

Changes to be made:

N/A

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Program Learning Outcome 3:

Work effectively as part of a team.

Criteria for Success: Any areas of concern raised would be resolved by the end of the course.

Signature Assignment: Continuous group evaluation.

Course: ANA 6001

Peer evaluation Results.

	Peer evaluation Results
Fall 2024	No Data

Interpretation and Conclusion:

No Data

Changes to be made:

N/A

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Program Learning Outcome 4:

Design, analyze and interpret research in biomedical sciences

Criteria for Success: 70% of the students scored 80% or higher on the signature assignment.

Signature Assignment: Final draft of the literature review

Course: KIN 6060

Draft of literature review

	Assignment
Fall 2024	100%

Interpretation and Conclusion:

Students were successfully able to achieve this learning outcome.

Changes to be made:

N/A

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Program Learning Outcome 5:

Demonstrate the appropriate written and oral communication skills required of the professional practitioner.

Criteria for Success: 70% of the students scored 80% or higher on the signature assignment.

Signature Assignment: Final draft of a research proposal and oral presentation.

Course: KIN 6005

Assignments

	Research Proposal	Oral Presentation
Fall 2024	100%	97%

Interpretation and Conclusion:

Students were successfully able to achieve this learning outcome.

Changes to be made:

N/A

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Program Learning Outcome 6:

Apply the principles of bioethics to address current ethical issues in biomedical sciences

Criteria for Success: 70% of the students scored 80% or higher on the signature assignment.

Signature Assignment: Not assigned yet.

Course: Not assigned yet.

Final Draft Assignment

	Peer evaluation Results
Fall 2024	No Data

Interpretation and Conclusion:

No Data

Changes to be made:

No Data