

M.S. Medical Sciences Curriculum Map

Key for Levels of Alignment

- I = Introduced – Students first learn or encounter the outcome
- D = Developed – Students deepen skill/knowledge, practice with guidance
- M = Mastered – Students demonstrate independent, competent performance
- A = Assessed – Direct evidence collected for program assessment

Program Learning Outcomes (PLOs)

- PLO 1 – Demonstrate advanced knowledge of the different biomedical sciences.
- PLO 2 – Design, analyze, and interpret research in biomedical sciences.
- PLO 3 – Demonstrate the appropriate written and oral communication skills required of the professional practitioner.
- PLO 4 – Apply the principles of bioethics to address current ethical issues in biomedical sciences.

Required Courses

Semester	Courses	PLO 1	PLO 2	PLO 3	PLO 4
Fall	ANA 6001 Human Gross Anatomy	I, D, M, A	I		I, D
	KIN 6005 Research Methods		I, D, A	I, D, A	I, A

Updated 2026

Spring	ANA 6009 Applied Neuroanatomy or ANA 5009	I, D, M, A			
	ANA 6020 Human Embryology or ANA 5020	I, D, M, A			
	ANA 6050 Directed Readings		D, A	D, A	D, A
	ANA 6060 Research Project Seminar		D, M, A	D, M, A	
	Choose one (1) course from the following				
	ANA 6095 Comprehensive Examination	M, A			
	ANA 6098 Capstone Project		M, A	M, A	
	ANA 6099 Thesis		M, A	M, A	