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| Logo  Description automatically generated | Traditional Master of Science Program Competencies |

**Biomedical Scientific Knowledge**

1. Demonstrates advanced knowledge of biomedical sciences concepts.
2. Demonstrates advanced knowledge of discipline-specific concepts.
3. Critically evaluates biomedical sciences literature.

**Research and Analytic Skills**

1. Develops testable hypotheses.
2. Selects and utilizes appropriate technical and conceptual approaches to design experiments.
3. Uses scientific rigor and reproducibility to ensure accurate data analysis and interpretation.

**Communication Skills**

1. Demonstrates effective written communication.
2. Demonstrates effective oral communication.
3. Demonstrates effective teaching and mentoring.

**Professionalism, Collegiality and Career Development**

1. Demonstrates ethical behavior in alignment with professional codes of conduct, including institutional compliance.
2. Establishes rapport with others that encourages a team-based, goal-oriented environment.
3. Engages in independent learning and networking.