Foundations in Biomedical Sciences:
A Core Curriculum for GMS Doctoral Students

Module I: Protein Structure, Catalysis, and Interactions
Module II: Structure and Function of the Genome
Module III: Architecture and Dynamics of the Cell
Module IV: Mechanisms of Cell Communication

Optional electives:
- Translational Genetics and Genomics
- Molecular Metabolism
- Physiology of Specialized Cells
- Stem Cells & Development

Program-specific course(s): 4-6 credits
2 credits
2 credits
2 credits
2 credits

Program-specific course(s): 4-8 credits
2-4 credits

Fall Semester
Spring Semester