

# M.S. in Medical Genomics

Click on the course number to view course title and description.

| Code                                        | Title                             | Semester Hours |
|---------------------------------------------|-----------------------------------|----------------|
| M.S. in Medical Genomics                    |                                   |                |
| Medical Genomics Core                       |                                   |                |
| BL 6411                                     | Genes, Genomes, and Genomics      | 4              |
| BL 6410                                     | Biostatistics for Life Science    | 4              |
| BL 6210                                     | Bioethics                         | 2              |
| BL 6320                                     | Medical Genetics & Genomics       | 3              |
| BL 7200                                     | Medical Genomics Capstone         | 2              |
| Medical Genomics Electives                  |                                   |                |
| Select five (5) of the following electives: |                                   | 15             |
| BL 6311                                     | Bioinformatics Programming with R |                |
| BL 6340                                     | Mechanisms of Disease             |                |
| BL 6360                                     | Research Study Design             |                |
| BL 7310                                     | Population Genetics               |                |
| BL 7320                                     | Epigenomics                       |                |
| BL 7340                                     | Pharmacogenomics                  |                |
| BL 7350                                     | Genetic Epidemiology              |                |
| BL 7370                                     | Special Topics in Genomics        |                |
| Total Semester Hours                        |                                   | 30             |