GENOMIC MEDICINE (GNM)

GNM 601. Fundamentals Of Genomic Medicine. 2 Credit Hours.
Components: LEC.
Grading: GRD.
Typically Offered: Spring.

GNM 602. Clinical Applications Of Genomic Medicine II. 3 Credit Hours.
Components: LEC.
Grading: GRD.
Typically Offered: Fall.

GNM 605. Research Ethics. 1 Credit Hour.
This course introduces foundational concepts in research ethics in preparation for conducting the genomic medicine practicum. Online Human Subjects Research and Responsible Conduct of Research training through the CITI program website will be supplemented with 6 one-hour in-person discussion sessions.
Components: LEC.
Grading: GRD.
Typically Offered: Spring.

GNM 610. Clinical Application Of Genomic Medicine I. 2 Credit Hours.
Components: LEC.
Grading: GRD.
Typically Offered: Spring.

GNM 630. Clinical Applications Of Genomic Medicine III. 4 Credit Hours.
This course continues the systems-based learning in GNM610 and GNM602, covering topics in rheumatology, autoimmunity, infectious disease, hematology, oncology, endocrinology, diabetes and metabolism, ophthalmology, and dermatology. The class will meet 2 hours each week for literature-based discussion sessions, and self-directed learning (online lectures and text-based learning modules) will take approximately 2 hours per week.
Components: LEC.
Grading: GRD.
Typically Offered: Spring.

GNM 631. Genomic Medicine Laboratory. 3 Credit Hours.
Components: LAB.
Grading: CNC.
Typically Offered: Fall & Summer.

GNM 640. Pharmacogenomics. 1 Credit Hour.
This course covers pharmacogenomics as a special case of genomic medicine that will be practiced in every setting. The course provides an overview of known drug/gene interactions, interpreting test results, and integrating these results into clinical practice.
Components: LEC.
Grading: GRD.
Typically Offered: Spring.

GNM 660. Computational Methods For Genomic Medicine. 3 Credit Hours.
Components: LEC.
Grading: GRD.
Typically Offered: Fall.

GNM 680. Genomic Ethics And Public Policy. 2 Credit Hours.
Components: LEC.
Grading: GRD.
Typically Offered: Spring.