Examines uses of genetic studies in understanding biological processes associated with bacterial and viral pathogenesis. GENET 581

**Prerequisite:** BMS 503 or permission of program

**GENET 582:** Genetics of Model Organisms: Molecular Genetic Analysis of Signaling Pathways: B

1 Credits

Examines uses and interrelationships of genetic studies with model systems from yeast to mice in elucidating signaling pathways. GENET 582

**Prerequisite:** BMS 503 or permission of program

**GENET 585:** Human Genetics B: Non-mendelian Genetics

1 Credits

This course explores genetic disease mechanisms that alter chromosome behavior or show non-mendelian patterns of inheritance. GENET 585

**Prerequisite:** BMS 503, BMS 502, and BMS 503

**GENET 586:** Human Genetics C: Complex Traits

1 Credits

This course explores the human genome landscape, how individuals vary, and gene identification for multigenic traits and disorders. GENET 586

**Prerequisite:** BMS 501, BMS 502, BMS 503

**GENET 587:** Genetic Approaches to Biomedical Problems

3 Credits

Advanced training of students with interest in genetic approaches to problem solving.

**Prerequisite:** BMS 501, BMS 502, BMS 503

**GENET 590:** Colloquium

1-3 Credits/Maximum of 3

Continuing seminars which consist of a series of individual lectures by faculty, students, or outside speakers.

**GENET 596:** Individual Studies

1-9 Credits/Maximum of 9

Creative projects, including nonthesis research, which are supervised on an individual basis and which fall outside the scope of formal courses.

**GENET 597:** Special Topics

1-9 Credits/Maximum of 9

Formal courses given on a topical or special interest subject which may be offered infrequently.

**GENET 600:** Thesis Research

1-15 Credits/Maximum of 999

No description.
GENET 601: Ph.D. Dissertation Full Time
0 Credits/Maximum of 999
No description.

GENET 610: Thesis Research Off Campus
1-15 Credits/Maximum of 999
No description.