GENETICS (GENET)

GENET 581: Genetics of Model Organisms: Bacterial and Viral Pathogenesis: A
1 Credits
Examines uses of genetic studies in understanding biological processes associated with bacterial and viral pathogenesis. GENET 581 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 501, 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, and 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.