### Fall Term*

**Required Coursework:**
- GRD 717: Principles of Sci Integrity (Bioethics)
- MSTP 798: Non-dissertation research

**Elective/Advanced Course(s):**
- A total of 3 advanced courses which should be decided by mentor and thesis committee.

**Biostatistics:** Required in first year

### Spring Term*

**Required Coursework:**
- We recommend the following GGB block:
  - GBS 724: Principles of Human Genetics (1.8.18 – 2.2.18)
  - GBS 720: Genomic Structure/Function (2.5.18 – 3.2.18)
  - GBS 722: Bioinformatics (3.5.18 – 3.30.18)
  - GBSC 718: Epigenetics (4.2.18 – 4.27.18)

**MSTP 798:** Non-dissertation research

**Elective/Advanced Course(s):**
- A total of 3 advanced courses which should be decided by mentor and thesis committee.

**Journal Club:** Choice of JC is discretion of student/mentor

**Seminar:** Participation/Attendance required

### Summer Term*

**Required Coursework:**
- MSTP 798: Non-dissertation research

**Elective/Advanced Course(s):**
- A total of 3 advanced courses which should be decided by mentor and thesis committee.

**Journal Club:** None

**Seminar:** None

### GS1

- Committee formed & Committee Meeting

### GS2

- Journal Club: Choice of JC is discretion of student/mentor
- Seminar: Participation/Attendance required
  - Registration not required

- **Qualifying Exam/Admission to Candidacy

### GS3

- Journal Club: Choice of JC is discretion of student/mentor
- Seminar: Participation/Attendance required
  - Registration not required

- Committee Meeting

### GS4

- Journal Club: Choice of JC is discretion of student/mentor
- Seminar: Participation/Attendance required
  - Registration not required

- Committee Meeting

### Additional theme requirements:
- Publications: Two first authored papers
- Presentations: At least one (1) presentation at a national or international scientific meeting

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* Students must register for 9 hours each semester, for a total of 27 hours per year. Equity and Diversity Scholars must register for 10 hours Fall, 12 hours Spring, and 10 hours Summer, for a total of 32 hours per year. Any hours over must be approved by your program.

** Students must be admitted to candidacy for a minimum of 1 year before thesis defense.