### Fall Term*

**Required Coursework:**
- GBS 707: Basic Biochemistry (9/19/2017-10/30-2017) 30 days
- GBS 708: Basic Genetics (8/8/2017-9/18/2017) 29 days
- GBS 709: Basic Bio. Organization (except MSTP) MCP Seminar (Weekly) (10/31/2017-12/15/2017) 29 days with week of Thanksgiving off

**Recommended Coursework:**
- GBSC 701: Graduate Student Research Meeting (meets once a mo.)

**Research Rotations:**
- Lab Rotation 2: GBS 796 (Oct. 16-Dec. 15)

**Journal Club:** None
**Seminar:** None required

### Spring Term*

**Four Course Modules Required (we recommend the following BSSB block):**
- GBS 781: Molecular Enzymology (Jan.)
- GBS 782: Molecular Genetics (March)
- GBS 783: RNA Biology (Feb.)
- GBS 784: Stem Cell Biology (April)

**Recommended Coursework:**
- GBSC 701: Graduate Student Research Meeting (meets once a mo.)** Attend course but do not register

**Research Rotations:**
- Lab Rotation 3: GBS 797 (Jan. 8-March 9)(conclude)
- Lab Rotation 4: GBS 794 (March 12-May 9) (if needed)

**Journal Club:** None
**Seminar:** None required

**Mentor Selection (target date May 1)**

### Summer Term*

**GBSC 726:** Scientific Comm. & Review (May)
**GBSC 722:** Sp. Topics – Intro to Biostats (June/July)

**GBS 798^:** Non-dissertation research (Discuss which to register for with the theme manager)

**Elective/Advanced Course(s):** None

**Publish updated CV (target date Sept. 1)**

**Committee formed (target date is Jan. 2)**

### Non-dissertation Research: GBS 798^  

**Required Coursework:**
- GRD 717: Bioethics (now or in the spring)
- GBSC 701: Graduate Student Research Meeting

**Journal Club:** Required (selected by the student and mentor)

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

**Seminar:** None required

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## Training Plan

<table>
<thead>
<tr>
<th>Term</th>
<th>Elective/Advanced Course(s)</th>
<th>Seminar</th>
<th>Submit updated CV</th>
<th>Qualifying Exam</th>
<th>Journal Club</th>
<th>Dissertation research: GBS 799^</th>
<th>Required Coursework:</th>
<th>Seminar</th>
<th>Submit updated CV</th>
<th>Committee Meeting</th>
<th>Dissertations Defense** (public &amp; private)</th>
<th>Graduation</th>
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</thead>
<tbody>
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<td>(target date Sept. 1)</td>
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</table>

*Each term registration, 9 credit hours

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

*** Example Rotation dates, AY2017-18

^ MSTP students register for MSTP 798 or MSTP 799

• Additional theme requirements
  - Publications: One published paper
  - Presentations: At least one (1) presentation at a national or international scientific meeting

*Exceptions to these guidelines rest with the committee*