## Training Plan

### Fall Term*

<table>
<thead>
<tr>
<th>Required Coursework:</th>
</tr>
</thead>
<tbody>
<tr>
<td>GBS 707: Basic Biochemistry</td>
</tr>
<tr>
<td>GBS 708: Basic Genetics</td>
</tr>
<tr>
<td>GBS 709: Basic Bio. Organization (except MSTP)</td>
</tr>
<tr>
<td>GBS xxx: See course listing; CMDB students may choose between any of the classes listed in this slot on the GBS 1st Year Curriculum Grid</td>
</tr>
</tbody>
</table>

**Research Rotations:**
- Lab Rotation 1: GBS 795 (Aug. 26-Nov. 20)***
- Lab Rotation 2: GBS 796 (Nov. 21-Feb. 26)

**Journal Club:** None required

**Seminar:** Strongly suggested – attend the once-per-month GGS/CMDB/Cancer Bio student seminar series

### Spring Term*

<table>
<thead>
<tr>
<th>Required Coursework:</th>
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</thead>
<tbody>
<tr>
<td>GBS 708: Basic Genetics</td>
</tr>
<tr>
<td>GBS 709: Basic Bio. Organization (except MSTP)</td>
</tr>
<tr>
<td>GBS xxx: See course listing; CMDB students may choose between any of the classes listed on the GBS 1st Year Curriculum Grid for their 4 required Spring Semester module classes</td>
</tr>
<tr>
<td>BY 755: Biometry</td>
</tr>
</tbody>
</table>

**Recommended Coursework:** See above

**Research Rotations:**
- Lab Rotation 2: GBS 796 (Nov. 21-Feb. 26) (**conclude**)
- Lab Rotation 3: GBS 797 (Feb. 27-May 28)

**Journal Club:** None required

**Seminar:** Strongly suggested – attend the once-per-month GGS/CMDB/Cancer Bio student seminar series

### Summer Term*

| Non-dissertation Research: GBS 798^ |

**Required Coursework:**
- GRD 717: Bioethics
- GBS 792: CMDB Seminar (See Seminars list for which seminar(s) to attend, GGS/CMDB/Cancer Bio student once-per-month seminar series: Registration/Attendance/Participation is required after passing QE

**Journal Club:**
- Registration/Attendance/Participation is required; see JClub list

**Elective/Advanced Course(s):**
- Must complete 3 Modular GBS courses (in addition to the other required classes listed on this plan) of student’s choosing in consultation with mentor in 2nd year and beyond; see Advanced Course list

### Non-dissertation research: GBS 798^ |

**Required Coursework:**
- GBS 792: CMDB Seminar (See Seminars list for which seminar(s) to attend, GGS/CMDB/Cancer Bio student once-per-month seminar series: Attendance is required after passing QE

**Journal Club:** Required; see JClub list

**Elective/Advanced Course(s):**
- Must complete 3 Modular GBS courses (in addition to the other required classes listed on this plan) of student’s choosing in consultation with mentor in 2nd year and beyond; see Advanced Course list

**Committee formed and 1st Committee Meeting held** (in Spring Semester, Yr 2; preferred that the QE be scheduled by the end of Yr 2)

### Non-dissertation Research: GBS 798^ |

**Required Coursework:**
- GBS 792: CMDB Seminar (See Seminars list for which seminar(s) to attend, GGS/CMDB/Cancer Bio student once-per-month seminar series: Attendance is required after passing QE

**Journal Club:** Required; see JClub list

**Elective/Advanced Course(s):**
- Must complete 3 Modular GBS courses (in addition to the other required classes listed on this plan) of student’s choosing in consultation with mentor in 2nd year and beyond; see Advanced Course list

### Dissertation research: GBS 799^ |

**Required Coursework:**
- GBS 792: CMDB Seminar (See Seminars list for which seminar(s) to attend, GGS/CMDB/Cancer Bio student once-per-month seminar series: Attendance is required after passing QE

**Journal Club:** Required; see JClub list

**Elective/Advanced Course(s):**
- Must complete 3 Modular GBS courses (in addition to the other required classes listed on this plan) of student’s choosing in consultation with mentor in 2nd year and beyond; see Advanced Course list

### Dissertation research: GBS 799^ |

**Required Coursework:**
- GBS 792: CMDB Seminar (See Seminars list for which seminar(s) to attend, GGS/CMDB/Cancer Bio student once-per-month seminar series: Attendance is required after passing QE

**Journal Club:** Required; see JClub list

**Elective/Advanced Course(s):**
- Must complete 3 Modular GBS courses (in addition to the other required classes listed on this plan) of student’s choosing in consultation with mentor in 2nd year and beyond; see Advanced Course list

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*Nan’s note, if the 3rd rotation ends 5/28, then this date needs to change

For MSTP/CMDB1’s – BY 755: Biometry
### Training Plan#

<table>
<thead>
<tr>
<th>Month</th>
<th>Seminar Series</th>
<th>Journal Club</th>
<th>Elective/Advanced Course(s)</th>
<th>Qualifying Exam**/Admission to Candidacy</th>
<th>Dissertation Research: GBS 799^</th>
</tr>
</thead>
<tbody>
<tr>
<td>4</td>
<td>Attendance is required after passing QE</td>
<td>Required; see JClub list</td>
<td>Must complete 3 Modular GBS courses (in addition to the other required classes listed on this plan) of student’s choosing in consultation with mentor in 2nd year and beyond; see Advanced Course list</td>
<td>(before end of Fall Semester, Yr 3; preferred before this time)</td>
<td>Required Coursework: GBS 792: CMDB Seminar (See Seminars list for which seminar(s) to attend, GGS/CMDB/Cancer Bio student once-per-month seminar series: Attendance is required after passing QE Journal Club : Required; see JClub list</td>
</tr>
<tr>
<td>5</td>
<td>Attendance is required after passing QE</td>
<td>Required; see JClub list</td>
<td>Must complete 3 Modular GBS courses (in addition to the other required classes listed on this plan) of student’s choosing in consultation with mentor in 2nd year and beyond; see Advanced Course list</td>
<td></td>
<td>Committee Meeting</td>
</tr>
<tr>
<td>6</td>
<td>Attendance is required after passing QE</td>
<td>Required; see JClub list</td>
<td>Must complete 3 Modular GBS courses (in addition to the other required classes listed on this plan) of student’s choosing in consultation with mentor in 2nd year and beyond; see Advanced Course list</td>
<td></td>
<td>Committee Meeting</td>
</tr>
</tbody>
</table>

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

### Journal Club: None

### Seminar: Attend the GGS/CMDB/Cancer Bio student seminar series

### Dissertation Research: GBS 799^ (if needed)

### Committee Meeting (Beginning in Yr 5, CMDB students’ committee will meet every 6 months)

### Dissertation Defense** (Public & private defense merged together)
*Each term registration, 9 credit hours
**Students must be admitted to candidacy for a minimum of 1 year before thesis defense.
*** Example Rotation dates, AY2013-2014
^ MSTP students register for MSTP 798 or MSTP 799

# Additional theme requirements
   **Publications**: 2 first authored papers; subject to approval of the committee
   **Presentations**: NA