

	Fall Term*	Spring Term*	Summer Term*
<b>1</b>	<p><b>Required Coursework:</b>  <b>GBS 707:</b> Basic Biochemistry  <b>GBS 708:</b> Basic Genetics  <b>GBS 709:</b> Basic Bio. Organization (<i>except MSTP</i>)  MCP Seminar (Weekly)</p> <p><b>Research Rotations:</b>  <b>Lab Rotation 1: GBS 795 (Aug.24-Nov.18)***</b>  <b>Lab Rotation 2: GBS 796 (Nov. 19-Mar. 1)(start)</b></p>	<p><b>Required Coursework:</b>  <b>GBS 750:</b> Nerves, Muscles, and Bones  <b>GBS 751:</b> Heart, Lung, and Kidney  <b>GBS 752:</b> GI, Endo., Immune  <b>GBS 753:</b> Pharm. and Mol. Medicine  Seminar(weekly): As selected</p> <p><b>Optional Coursework:</b>  <b>BY 755:</b> Biometry* (can be taken in Year 2 spring)</p> <p><b>Research Rotations:</b>  <b>Lab Rotation 2: GBS 796 (Nov. 19-Mar. 1)(conclude)</b>  <b>Lab Rotation 3: GBS 797 (Mar. 2-May 26)</b></p> <p><b>Mentor Selection</b> (target date May 1)</p>	<p><b>GBS 747:</b> Sp. Topic  Scientific Comm. &amp;  Review (May)</p> <p><b>Non-dissertation  Research: GBS  798<sup>^</sup></b></p> <p><b>Required Courses:</b>  None</p>
<b>2</b>	<p><b>Non-dissertation Research: GBS 798<sup>^</sup></b></p> <p><b>Required Coursework:</b>  <b>GBS 703:</b> Res Analysis &amp; Presentation  <b>GRD 717:</b> Bioethics (or in spring)  <b>Journal Club</b> (4 to complete)<sup>†</sup></p> <p><b>Elective Courses</b> (3 courses to complete)</p> <p><b>Submit updated CV</b> (target date Sept. 1)</p> <p><b>Committee formed</b> (target date is Jan. 2)</p>	<p><b>Non-dissertation Research: GBS 798<sup>^</sup></b></p> <p><b>Required Coursework:</b>  <b>Journal Club</b> (4 to complete)<sup>†</sup>  <b>GRD 717:</b> Bioethics (if not taken in the fall)  <b>BY 755:</b> Biometry (if not taken in Year 1 spring)</p> <p><b>Elective Courses</b> 3 courses to complete)</p>	<p><b>Non-dissertation  Research: GBS  798<sup>^</sup></b></p> <p><b>Required  Coursework:  Journal Club</b> (4 to  complete)<sup>†</sup></p>
<b>3</b>	<p><b>Non-dissertation Research: GBS 798<sup>^</sup></b></p> <p><b>Required Coursework:</b>  <b>GBS 703:</b> Res Analysis &amp; Presentation  <b>Journal Club</b> (4 to complete)<sup>†</sup></p> <p><b>Elective Courses</b> (3 courses to complete)</p> <p><b>Submit updated CV</b> (target date Sept. 1)</p> <p><b>Committee Meeting</b> (1 per year min.)</p> <p><b>Qualifying Exam</b> (target Oct./Nov. third year)**</p>	<p><b>Dissertation Research: GBS 799<sup>^</sup></b></p> <p><b>Required Coursework: None</b>  <b>Journal Club</b> (4 to complete)<sup>†</sup></p> <p><b>Elective Courses</b> (3 courses to complete)</p>	<p><b>Dissertation  Research: GBS  799<sup>^</sup></b></p>
<b>4</b>	<p><b>Dissertation Research: GBS 799<sup>^</sup></b></p> <p><b>Required Coursework:</b>  <b>GBS 703:</b> Res Analysis &amp; Presentation  <b>Journal Club</b> (4 to complete)<sup>†</sup></p> <p><b>Elective Courses</b> (3 courses to complete)</p> <p><b>Submit updated CV</b> (target date Sept. 1)</p> <p><b>Committee Meeting</b> (1 per year min.)</p>	<p><b>Dissertation Research: GBS 799<sup>^</sup></b></p> <p><b>Required Coursework: None</b></p> <p><b>Elective Courses</b> (3 courses to complete)</p>	<p><b>Dissertation  Research: GBS  799<sup>^</sup></b></p>



<p><b>5</b></p> <p><b>Dissertation Research: GBS 799<sup>^</sup></b></p> <p><b>Required Coursework:</b> <b>GBS 703:</b> Res Analysis &amp; Presentation (<i>if not defending</i>)</p>	<p><b>Dissertation Research: GBS 799<sup>^</sup></b></p> <p><b>Dissertation Defense (public and private)</b></p> <p><b>Graduation</b></p>	
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\*Each term registration, 9 credit hours; IF a student elects to take BY 755: Biometry (3 hrs) in Spring of Year 1, however, he/she will have 12 hours this term and should only register for 6 hours in the following Summer term.

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

\*\*\* Example Rotation dates, AY 2015-2016

†Students may count the same JClub twice toward completion of degree, but can only repeat one course, so that of the four, at least 3 are unique. Students should not participate in more than 2 JClubs per term.

^ MSTP students register for MSTP 798 or MSTP 799

**# Additional theme requirements**

**Publications:** Two first-authored publications recommended overall

**Presentations:** One research presentation/year recommended, starting in Year 2