

	Fall Term*	Spring Term*	Summer Term*
1	<p>Required Coursework: GBS 707: Basic Biochemistry (9/20/2016-10/31-2016) 30 days GBS 708: Basic Genetics (8/9/2016-9/19/2016) 29 days GBS 709: Basic Bio. Organization (<i>except MSTP</i>) MCP Seminar (Weekly) (11/1/2016-12/16/2016) 30 days with week of Thanksgiving off</p> <p>Research Rotations: Lab Rotation 1: GBS 795 (Aug.15-Oct.14)*** Lab Rotation 2: GBS 796 (Oct. 17-Dec. 16)(start)</p>	<p>Required Coursework: GBS 750: Nerves, Muscles, and Bones GBS 751: Heart, Lung, and Kidney GBS 752: GI, Endo., Immune GBS 753: Pharm. and Mol. Medicine Seminar(weekly): As selected</p> <p>Research Rotations: Lab Rotation 3: GBS 797 (Jan. 9-March 10)(conclude) Lab Rotation 4: GBS 794 (March 10) (if needed)</p> <p>Mentor Selection (target date May 1)</p>	<p>GBSC 726: Scientific Comm. & Review (May)</p> <p>GBSC 722: Sp. Topic: Intro to Biostats (June/July)</p> <p>Non-dissertation Research: GBS 798[^]</p> <p>Required Courses: None</p>
2	<p>Non-dissertation Research: GBS 798[^]</p> <p>Required Coursework: ****GBS 703: Res Analysis & Presentation GRD 717: Bioethics (or in spring) Journal Club (4 to complete)⁺</p> <p>Elective Courses (A total of 3 advanced courses to complete which should be decided by mentor and thesis committee)</p> <p>Submit updated CV (target date Sept. 1)</p> <p>Committee formed (target date is Jan. 2)</p>	<p>Non-dissertation Research: GBS 798[^]</p> <p>Required Coursework: Journal Club (4 to complete)⁺ GRD 717: Bioethics (if not taken in the fall)</p> <p>Elective Courses (A total of 3 advanced courses to complete which should be decided by mentor and thesis committee)</p>	<p>Non-dissertation Research: GBS 798[^]</p> <p>Required Coursework: Journal Club (4 to complete)⁺</p>
3	<p>Non-dissertation Research: GBS 798[^]</p> <p>Required Coursework: ****GBS 703: Res Analysis & Presentation Journal Club (4 to complete)⁺</p> <p>Elective Courses (A total of 3 advanced courses to complete which should be decided by mentor and thesis committee)</p> <p>Submit updated CV (target date Sept. 1)</p> <p>Committee Meeting (1 per year min.)</p> <p>Qualifying Exam (target Oct./Nov. third year)**</p>	<p>Dissertation Research: GBS 799[^]</p> <p>Required Coursework: None Journal Club (4 to complete)⁺</p> <p>Elective Courses (A total of 3 advanced courses to complete which should be decided by mentor and thesis committee)</p>	<p>Dissertation Research: GBS 799[^]</p>
4	<p>Dissertation Research: GBS 799[^]</p> <p>Required Coursework: ****GBS 703: Res Analysis & Presentation Journal Club (4 to complete)⁺</p> <p>Elective Courses (A total of 3 advanced courses to complete which should be decided by mentor and thesis committee)</p> <p>Submit updated CV (target date Sept. 1)</p>	<p>Dissertation Research: GBS 799[^]</p> <p>Required Coursework: None</p> <p>Elective Courses (A total of 3 advanced courses to complete which should be decided by mentor and thesis committee)</p>	<p>Dissertation Research: GBS 799[^]</p>



<p>Committee Meeting (1 per year min.)</p>		
<p>5 Dissertation Research: GBS 799[^]</p> <p>Required Coursework: GBS 703: Res Analysis & Presentation (<i>if not defending</i>)</p>	<p>Dissertation Research: GBS 799[^]</p> <p>Dissertation Defense (public and private)</p> <p>Graduation</p>	

*Each term registration, 9 credit hours

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

*** Example Rotation dates, AY 2016-2017

****Students must register each Fall unless in the semester of defense

†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