

Training Plan<sup>#</sup>

	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 (except MSTP)  <b>GBS 724:</b> Principles of Genetics (except MSTP)  <b>Journal Club:</b> (Participation/Attendance required; registration not required) See journal club list  <b>Seminar:</b> (Participation/Attendance required; registration not required) Genetics or other seminar series; and also student-led seminar series</p> <p><b>Recommended Coursework:</b> See above</p> <p><b>Research Rotations:</b>  <b>Lab Rotation 1:</b> GBS 795 (Aug.26-Nov.20)***  <b>Lab Rotation 2:</b> GBS 796 (Nov. 21-Feb.26)(start) (register for this in Spring Semester)</p>	<p><b>Required Coursework</b> (<i>individual modules may change annually</i>):  <b>GBS 720:</b> Genomic Structure/Function  <b>GBS 722:</b> GGS Bioinformatics  <b>GBS 723:</b> Model Systems for Genetic Analysis  <b>GBS 748:</b> Epigenetics</p> <p><b>Journal Club:</b> (Participation/Attendance required; registration not required) See journal club list  <b>Seminar:</b> (Participation/Attendance required; registration not required) Genetics or other seminar series; and also student-led seminar series</p> <p><b>Recommended Coursework:</b> See above</p> <p><b>Research Rotations:</b>  <b>Lab Rotation 2:</b> GBS 796 (Nov. 21-Feb.26)(conclude)  <b>Lab Rotation 3:</b> GBS 797 (Feb. 27-May 28)</p> <p><b>Mentor Selection</b> (<i>target date May 1</i>)</p>	<p><b>Non-dissertation research:</b> GBS 798<sup>^</sup></p> <p><b>Required Coursework:</b> None</p> <p><b>Elective/Advanced Course(s):</b> None</p> <p><b>Journal Club:</b> None  <b>Seminar:</b> None</p>
<b>2</b>	<p><b>Non-dissertation Research:</b> GBS 798<sup>^</sup></p> <p><b>Required Coursework:</b>  <b>GRD 717:</b> Bioethics  <b>Journal Club:</b> (Participation/Attendance required; registration not required) See journal club list  <b>Seminar:</b> (Participation/Attendance required; registration not required) Genetics or other seminar series; and also student-led seminar series</p> <p><b>Elective/Advanced Course(s):</b>                      Must complete 3 advanced courses in 2<sup>nd</sup> year and beyond; see <b>Advanced Course list</b></p>	<p><b>Non-dissertation Research:</b> GBS 798<sup>^</sup></p> <p><b>Required Coursework:</b>  <b>BY 755:</b> Biometry  <b>Journal Club:</b> (Participation/Attendance required; registration not required) See journal club list  <b>Seminar:</b> (Participation/Attendance required; registration not required) Genetics or other seminar series; and also student-led seminar series</p> <p><b>Elective/Advanced Course(s):</b>                      Must complete 3 advanced courses in 2<sup>nd</sup> year and beyond; see <b>Advanced Course list</b></p>	<p><b>Non-dissertation research:</b> GBS 798<sup>^</sup></p> <p><b>Elective/Advanced Course(s):</b> None</p> <p><b>Journal Club:</b> None  <b>Seminar:</b> None</p>
<b>3</b>	<p><b>Non-dissertation research:</b> GBS 798<sup>^</sup></p> <p><b>Required Coursework:</b>  <b>GBS 725:</b> GGS Grant Writing  <b>Journal Club:</b> (Participation/Attendance required; registration not required) See journal club list  <b>Seminar:</b> (Participation/Attendance required; registration not required) Genetics or other seminar series; and also student-led seminar series</p> <p><b>Elective/Advanced Course(s):</b>                      Must complete 3 advanced courses in 2<sup>nd</sup> year</p>	<p><b>Non-dissertation research:</b> GBS 798<sup>^</sup></p> <p><b>Required Coursework:</b>  <b>Journal Club:</b> (Participation/Attendance required; registration not required) See journal club list  <b>Seminar:</b> (Participation/Attendance required; registration not required) Genetics or other seminar series; and also student-led seminar series</p> <p><b>Elective/Advanced Course(s):</b>                      Must complete 3 advanced courses in 2<sup>nd</sup> year and beyond; see <b>Advanced Course list</b></p> <p><b>Qualifying Exam**/Admission to Candidacy</b></p>	<p><b>Dissertation research:</b> GBS 799<sup>^</sup></p> <p><b>Elective/Advanced Course(s):</b> None</p> <p><b>Journal Club:</b> None  <b>Seminar:</b> None</p>

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	and beyond; see Advanced Course list  <b>Committee formed</b> (before end Yr 3) <b>Committee Meeting</b>	(before end Yr 3)	
<b>4</b>	<b>Dissertation research: GBS 799<sup>^</sup></b>  <b>Required Coursework:</b> <b>Journal Club:</b> (Participation/Attendance required; registration not required) See journal club list <b>Seminar:</b> (Participation/Attendance required; registration not required) Genetics or other seminar series; and also student-led seminar series  <b>Committee Meeting</b>	<b>Dissertation research: GBS 799<sup>^</sup></b>  <b>Required Coursework:</b> <b>Journal Club:</b> (Participation/Attendance required; registration not required) See journal club list <b>Seminar:</b> (Participation/Attendance required; registration not required) Genetics or other seminar series; and also student-led seminar series	<b>Dissertation research: GBS 799<sup>^</sup></b>  <b>Journal Club:</b> None <b>Seminar:</b> None  <b>Committee Meeting</b>
<b>5</b>	<b>Dissertation research: GBS 799<sup>^</sup></b>  <b>Required Coursework:</b> <b>Journal Club:</b> (Participation/Attendance required; registration not required) See journal club list <b>Seminar:</b> (Participation/Attendance required; registration not required) Genetics or other seminar series; and also student-led seminar series	<b>Dissertation research: GBS 799<sup>^</sup></b>  <b>Required Coursework:</b> <b>Journal Club:</b> (Participation/Attendance required; registration not required) See journal club list <b>Seminar:</b> (Participation/Attendance required; registration not required) Genetics or other seminar series; and also student-led seminar series  <b>Committee Meeting</b>	<b>Dissertation Defense**</b> (public & private)  <b>Graduation</b>
<b>6</b>	<i>(if needed)</i> <b>Dissertation Defense**</b> (public & private)  <b>Graduation</b>		

\*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

<sup>^</sup> MSTP students register for MSTP 798 or MSTP 799

**# Additional theme requirements**

**Publications:** Two first-authored publications, without stipulation that they are published or in press

**Presentations:** NA