

2017-2018 Training Plan

	Fall Term*	Spring Term*	Summer Term*
1	<p><b>Required Coursework:</b>  <b>GBS 708:</b> Basic Genetics (8.8.17 - 9.18.17)  <b>GBS 707:</b> Basic Biochemistry (9.19.17 - 10.30.17)  <b>GBS 709:</b> Basic Bio. Organ. (10.31.17 – 12.15.17)</p> <p><b>Research Rotations:</b>  <b>GBS 795:</b> Lab Rotation 1 (8.14.17 - 10.13.17)  <b>GBS 796:</b> Lab Rotation 2 (10.16.17 - 12.15.17)</p> <p><b>GBSC 701:</b> Graduate Student Research Meeting- Required attendance but only register if hour limit allows</p> <p><b>Seminar:</b> Recommended to attend seminar, but do not register</p>	<p><b>Four Course Modules Required</b>  <i>We recommend the following BSSB block:</i>  <b>GBS 781:</b> Molecular Enzymology (1.8.18 – 2.2.18)  <b>GBS 783:</b> RNA Biology (2.5.18 – 3.2.18)  <b>GBS 782:</b> Molecular Genetics (3.5.18 – 3.30.18)  <b>GBS 784:</b> Stem Cell Biology (4.2.18 – 4.27.18)</p> <p><b>Research Rotations:</b>  <b>GBS 797:</b> Lab Rotation 3 (1.8.18 – 3.9.18)  <b>GBS 794:</b> Lab Rotation 4 (3.12.18 – 5.11.18) <i>*if needed</i></p> <p><b>Recommended Coursework:</b>  <b>GBSC 701:</b> Graduate Student Research Meeting                      -Required attendance but only register if 9 hour limit allows  <b>Seminar:</b> Recommended to attend seminar, but do not register</p> <p>Mentor Selection <i>*Target date May 1</i></p>	<p><b>Required Coursework:</b>  <b>GBSC 726:</b> Scientific Communication &amp; Review (4.30.18 – 5.25.18)</p> <p><b>GRD 717:</b> Principles of Sci Integrity (Bioethics)</p> <p><b>GBS 798:</b> Non-dissertation research</p>
2	<p><b>Required Coursework:</b>  <b>GBSC 701:</b> Graduate Student Research Meeting  <b>GBS 798:</b> Non-dissertation Research  <b>GBSC 731:</b> Intro to Biostatistics</p> <p><b>Elective/Advanced Course(s):</b> A total of 3 advanced courses, which should be decided by mentor and thesis committee.</p> <p><b>Journal Club :</b> Required (selected by the student and mentor)  <b>Seminar:</b> Recommended. Attend seminar, but do not register</p> <p><b>Submit updated CV:</b> <i>Target date Sept. 1</i>  <b>Committee formed:</b> <i>Target date is Jan. 2</i></p>	<p><b>Required Coursework:</b>  <b>GBSC 701:</b> Graduate Student Research Meeting  <b>GBS 798:</b> Non-dissertation Research</p> <p><b>Elective/Advanced Course(s):</b> A total of 3 advanced courses, which should be decided by mentor and thesis committee.</p> <p><b>Journal Club :</b> Required (selected by the student and mentor)  <b>Seminar:</b> Recommended. Attend seminar, but do not register</p> <p><b>Committee meeting:</b> <i>Target date by end of May</i></p>	<p><b>Required Coursework:</b>  <b>GBS 798:</b> Non-dissertation research</p> <p><b>Elective/Advanced Course(s):</b> A total of 3 advanced courses which should be decided by mentor and thesis committee.</p> <p><b>Journal Club:</b> None  <b>Seminar:</b> None</p>
3	<p><b>Required Coursework:</b>  <b>GBSC 701:</b> Graduate Student Research Meeting  <b>GBS 798:</b> Non-dissertation research</p> <p><b>Elective/Advanced Course(s):</b> A total of 3 advanced courses which should be decided by mentor and thesis committee.</p> <p><b>Journal Club :</b> Required (selected by the student and mentor)  <b>Seminar:</b> Recommended. Attend seminar, but do not register</p> <p><b>Submit updated CV:</b> <i>Target date Sept. 1</i>  <b>Qualifying Exam:</b> <i>Target date is Oct/Nov</i></p>	<p><b>Required Coursework:</b>  <b>GBSC 701:</b> Graduate Student Research Meeting  <b>GBS 798:</b> Non-dissertation research</p> <p><b>Elective/Advanced Course(s):</b> A total of 3 advanced courses which should be decided by mentor and thesis committee.</p> <p><b>Journal Club :</b> Required (selected by the student and mentor)  <b>Seminar:</b> Recommended. Attend seminar, but do not register</p> <p><b>**Qualifying Exam/Admission to Candidacy</b></p>	<p><b>Required Coursework:</b>  <b>GBS 799:</b> Dissertation research</p> <p><b>Elective/Advanced Course(s):</b> A total of 3 advanced courses which should be decided by mentor and thesis committee.</p> <p><b>Journal Club:</b> None  <b>Seminar:</b> None</p>
4	<p><b>Required Coursework:</b>  <b>GBSC 701:</b> Graduate Student Research Meeting  <b>GBS 799:</b> Dissertation research</p> <p><b>Journal Club:</b> Required (selected by the student and mentor)  <b>Seminar:</b> Recommended. Attend seminar, but do not register</p> <p><b>Submit updated CV:</b> <i>Target date Sept. 1</i>  <b>Committee Meeting:</b> <i>Min. of 1 per year</i></p>	<p><b>Required Coursework:</b>  <b>GBSC 701:</b> Graduate Student Research Meeting  <b>GBS 799:</b> Dissertation research</p> <p><b>Journal Club :</b> Required (selected by the student and mentor)  <b>Seminar:</b> Recommended. Attend seminar, but do not register</p>	<p><b>Required Coursework:</b>  <b>GBS 799:</b> Dissertation research</p> <p><b>Journal Club:</b> None  <b>Seminar:</b> None</p>
5	<p><b>Required Coursework:</b>  <b>GBSC 701:</b> Graduate Student Research Meeting  <b>GBS 799:</b> Dissertation research</p> <p><b>Journal Club:</b> Required (selected by the student and mentor)  <b>Seminar:</b> Recommended. Attend seminar, but do not register</p> <p><b>Submit updated CV:</b> <i>Target date Sept. 1</i>  <b>Committee Meeting:</b> <i>Min. of 1 per year</i></p>	<p><b>Required Coursework:</b>  <b>GBSC 701:</b> Graduate Student Research Meeting  <b>GBS 799:</b> Dissertation research</p> <p><b>Journal Club:</b> Required (selected by the student and mentor)  <b>Seminar:</b> Recommended. Attend seminar, but do not register</p>	<p><b>Required Coursework:</b>  <b>GBS 799:</b> Dissertation research</p> <p><b>Dissertation Defense**</b>                      (public &amp; private)</p> <p><b>Graduation</b></p>

\* Students must register for 9 hours each semester, for a total of 27 hours per year. Equity and Diversity Scholars must register for 10 hours Fall, 12 hours Spring, and 10 hours Summer, for a total of 32 hours per year. Any hours over must be approved by your program.

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

**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*