

Neuroscience Theme Training Plan  
2017-2018 Training Plan

	Fall Term*	Spring Term*	Summer Term*
<b>1</b>	<p><b>Required Coursework:</b>  <b>GBS 707:</b> Basic Biochemistry (9.19.17 - 10.30.17)  <b>GBS 708:</b> Basic Genetics (8.8.17 - 9.18.17)  <b>GBS 709:</b> Basic Bio. Organ. (10.31.17 – 12.15.17)</p> <p><b>GBS 730:</b> Intro to Neurobiology (Dauphin Island)  <b>GBS 791:</b> Grad Neuro Discussion</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>Four Course Modules Required</b>  <b>GBS 710:</b> Cell Signaling (1.8.18 – 2.2.18)  <b>GBSC 729:</b> Cell Neurophys (2.5.18 – 3.2.18)  <b>GBS 714:</b> Dev Neuro (3.5.18 – 3.30.18)  <b>GBSC 727:</b> Neuro Systems (4.2.18 – 4.27.18)</p> <p><b>GBS 791:</b> Grad Neuro Discussion</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>Required Coursework:</b>  <b>GBS 737:</b> Student Summer Seminars</p> <p><b>GBS 733:</b> Dis of Nerv Sys (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> <p><b>Mentor Selection:</b> Target date June 1  <b>YEA Exam:</b> Oral (Aug)</p>
<b>2</b>	<p><b>Required Coursework:</b>  <b>GBSC 731:</b> Intro to Biostatistics  <b>GBS 798:</b> Non-dissertation research  <b>NBL 703:</b> Neurobiology Seminar Series</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> Choice of JC is discretion of student/mentor</p>	<p><b>Required Coursework:</b>  <b>GBS 798:</b> Non-dissertation research  <b>NBL 703:</b> Neurobiology Seminar Series</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> Choice of JC is discretion of student/mentor</p>	<p><b>Required Coursework:</b>  <b>GBS 737:</b> Student Summer Seminars  <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>Committee formed</b></p>
<b>3</b>	<p><b>Required Coursework:</b>  <b>GBS 798:</b> Non-dissertation research  <b>NBL 703:</b> Neurobiology Seminar Series</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> Choice of JC is discretion of student/mentor</p>	<p><b>Required Coursework:</b>  <b>GBS 798:</b> Non-dissertation research  <b>NBL 703:</b> Neurobiology Seminar Series</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> Choice of JC is discretion of student/mentor</p> <p><b>**Qualifying Exam/Admission to Candidacy</b></p>	<p><b>Required Coursework:</b>  <b>GBS 737:</b> Student Summer Seminars  <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>
<b>4</b>	<p><b>Required Coursework:</b>  <b>GBS 799:</b> Dissertation research  <b>NBL 703:</b> Neurobiology Seminar Series</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> Choice of JC is discretion of student/mentor</p>	<p><b>Required Coursework:</b>  <b>GBS 799:</b> Dissertation research  <b>NBL 703:</b> Neurobiology Seminar Series</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> Choice of JC is discretion of student/mentor</p>	<p><b>Required Coursework:</b>  <b>GBS 737:</b> Student Summer Seminars  <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>
<b>5</b>	<p><b>Required Coursework:</b>  <b>GBS 799:</b> Dissertation research  <b>NBL 703:</b> Neurobiology Seminar Series</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> Choice of JC is discretion of student/mentor</p>	<p><b>Required Coursework:</b>  <b>GBS 799:</b> Dissertation research  <b>NBL 703:</b> Neurobiology Seminar Series</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> Choice of JC is discretion of student/mentor</p>	<p><b>Required Coursework:</b>  <b>GBS 737:</b> Student Summer Seminars  <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.

Students earning a C or lower, must retake the course. A student will be dismissed of the theme on academic bases if:

- Receives a "C" twice in the same course
- Receives three "C"s
- Fails the 2<sup>nd</sup> attempt of the Year End Assessment (YEA)

-Additional theme requirements:

- Publications: One published paper, and another at least already submitted to a journal.
- Presentations: One presentation at a national or international scientific meeting