

Pathobiology & Molecular Medicine Theme Training Plan **UAB GRADUATE BIOMEDICAL SCIENCES**
2017-2018 Training Plan

	Fall Term*	Spring Term*	Summer Term*
1	<p>Required Coursework: GBS 707: Basic Biochemistry (9.19.17 - 10.30.17) GBS 708: Basic Genetics (8.8.17 - 9.18.17) GBS 709: Basic Bio. Organ. (10.31.17 – 12.15.17)</p> <p>GBS 703: Res Analysis & Presentation (Theme Meeting)</p> <p>Research Rotations: GBS 795: Lab Rotation 1 (8.14.17 - 10.13.17) GBS 796: Lab Rotation 2 (10.16.17 - 12.15.17)</p>	<p>Four Course Modules Required GBS 750: Nerves, Muscles, and Bones (1.8.18 – 2.2.18) GBSC 751: Heart, Lung, and Kidney (2.5.18 – 3.2.18) GBS 752: GI, Endo., Immun Sys (3.5.18 – 3.30.18) GBS 753: Pharm. and Mol. Medicine (4.2.18 – 4.27.18)</p> <p>GBS 703: Res Analysis & Presentation (Theme Meeting)</p> <p>Research Rotations: GBS 797: Lab Rotation 3 (1.8.18 – 3.9.18) GBS 794: Lab Rotation 4 (3.12.18 – 5.11.18) <i>*if needed</i></p> <p>Mentor Selection- Target date May 1st</p>	<p>Required Coursework: GBSC 726: Scientific Comm. & Review (4.30.18 – 5.25.18)</p> <p>GRD 717: Principles of Sci Integrity (Bioethics)</p> <p>GBS 798: Non-dissertation research</p>
2	<p>Required Courses: GBSC 731: Intro to Biostatistics GBS 703: Res Analysis & Presentation (Theme Meeting) GBS 798: Non-dissertation research</p> <p>Elective/Advanced Course(s): A total of 3 advanced courses which should be decided by mentor and thesis committee.</p> <p>Journal Club: Total of 4. Choice of JC is discretion of student/mentor</p> <p>Submit Updated CV- Target date Sept. 1</p>	<p>Required Courses: GBS 703: Res Analysis & Presentation (Theme Meeting) GBS 798: Non-dissertation research</p> <p>Elective/Advanced Course(s): A total of 3 advanced courses which should be decided by mentor and thesis committee.</p> <p>Journal Club: Total of 4. Choice of JC is discretion of student/mentor</p> <p>Committee formed- Target date Jan. 1</p>	<p>Required Coursework: GBS 798: Non-dissertation research</p> <p>Elective/Advanced Course(s): A total of 3 advanced courses which should be decided by mentor and thesis committee.</p> <p>Journal Club: Total of 4. Choice of JC is discretion of student/mentor</p>
3	<p>Required Coursework: GBS 703: Res Analysis & Presentation (Theme Meeting) GBS 798: Non-dissertation research</p> <p>Elective/Advanced Course(s): A total of 3 advanced courses which should be decided by mentor and thesis committee.</p> <p>Journal Club: Total of 4. Choice of JC is discretion of student/mentor</p> <p>Submit Updated CV- Target date Sept. 1 Committee Meeting- 1 per year min. QE- Target date Oct/Nov</p>	<p>Required Coursework: GBS 703: Res Analysis & Presentation (Theme Meeting) GBS 799: Dissertation research</p> <p>Elective/Advanced Course(s): A total of 3 advanced courses which should be decided by mentor and thesis committee.</p> <p>Journal Club: Total of 4. Choice of JC is discretion of student/mentor</p>	<p>Required Coursework: GBS 799: Dissertation research</p>
4	<p>Required Coursework: GBS 703: Res Analysis & Presentation (Theme Meeting) GBS 799: Dissertation research</p> <p>Elective/Advanced Course(s): A total of 3 advanced courses which should be decided by mentor and thesis committee.</p> <p>Journal Club: Total of 4. Choice of JC is discretion of student/mentor</p> <p>Submit Updated CV- Target date Sept. 1 Committee Meeting- 1 per year min.</p>	<p>Required Coursework: GBS 703: Res Analysis & Presentation (Theme Meeting) GBS 799: Dissertation research</p> <p>Elective/Advanced Course(s): A total of 3 advanced courses which should be decided by mentor and thesis committee.</p> <p>Journal Club: Total of 4. Choice of JC is discretion of student/mentor</p>	<p>Required Coursework: GBS 799: Dissertation research</p>
5	<p>Required Coursework: GBS 703: Res Analysis & Presentation (Theme Meeting) - <i>if not defending</i> GBS 799: Dissertation research</p>	<p>Required Coursework: GBS 703: Res Analysis & Presentation (Theme Meeting) - <i>if not defending</i> GBS 799: Dissertation Research</p> <p>Dissertation Defense** (public & private)</p> <p>Graduation</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 may count the same JC twice, but can only repeat once. Out of the 4 journal clubs, at least 3 are unique. Students should not participate in more than 2 JC per term.

Additional theme requirements:

Publications: Two first-authored publications

Presentations: One research presentation per year, starting in year 2