

Biochemistry, Structural & Stem Cell Biology

2017-2018 MSTP Training Plan

UAB GRADUATE BIOMEDICAL SCIENCES

	Fall Term*	Spring Term*	Summer Term*
GS1	<p>Required Coursework: GRD 717: Principles of Sci Integrity (Bioethics) MSTP 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>Biostatistics: Required in first year</p> <p>Submit updated CV: Target date Sept. 1</p>	<p>Required Coursework: <i>We recommend the following BSSB block:</i> GBS 781: Molecular Enzymology (1.8.18 – 2.2.18) GBS 783: RNA Biology (2.5.18 – 3.2.18) GBS 782: Molecular Genetics (3.5.18 – 3.30.18) GBS 784: Stem Cell Biology (4.2.18 – 4.27.18)</p> <p>GBSC 701: Graduate Student Research Meeting MSTP 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 : Required (selected by the student and mentor) Seminar: Recommended. Attend seminar, but do not register</p> <p>Committee formed: Target date Jan. 2 Committee meeting: Target date by end of May</p>	<p>Required Coursework: MSTP 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: None Seminar: None</p>
GS2	<p>Required Coursework: GBSC 701: Graduate Student Research Meeting MSTP 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 : Required (selected by the student and mentor) Seminar: Recommended. Attend seminar, but do not register</p> <p>Submit updated CV: Target date Sept. 1 Qualifying Exam: Target date is Oct/Nov</p>	<p>Required Coursework: GBSC 701: Graduate Student Research Meeting MSTP 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 : Required (selected by the student and mentor) Seminar: Recommended. Attend seminar, but do not register</p> <p>**Qualifying Exam/Admission to Candidacy</p>	<p>Required Coursework: MSTP 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: None Seminar: None</p>
GS3	<p>Required Coursework: GBSC 701: Graduate Student Research Meeting MSTP 799: Dissertation research</p> <p>Journal Club: Required (selected by the student and mentor) Seminar: Recommended. Attend seminar, but do not register</p> <p>Submit updated CV: Target date Sept. 1 Committee Meeting: Min. of 1 per year</p>	<p>Required Coursework: GBSC 701: Graduate Student Research Meeting MSTP 799: Dissertation research</p> <p>Journal Club : Required (selected by the student and mentor) Seminar: Recommended. Attend seminar, but do not register</p>	<p>Required Coursework: MSTP 799: Dissertation research</p> <p>Journal Club: None Seminar: None</p>
GS4	<p>Required Coursework: GBSC 701: Graduate Student Research Meeting MSTP 799: Dissertation research</p> <p>Journal Club: Required (selected by the student and mentor) Seminar: Recommended. Attend seminar, but do not register</p> <p>Submit updated CV: Target date Sept. 1 Committee Meeting: Min. of 1 per year</p>	<p>Required Coursework: GBSC 701: Graduate Student Research Meeting MSTP 799: Dissertation research</p> <p>Journal Club: Required (selected by the student and mentor) Seminar: Recommended. Attend seminar, but do not register</p>	<p>Required Coursework: MSTP 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.

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