<table>
<thead>
<tr>
<th>Fall Term*</th>
<th>Spring Term*</th>
<th>Summer Term*</th>
</tr>
</thead>
</table>
| Required Coursework:  
GBS 707: Basic Biochemistry  
GBS 708: Basic Genetics  
GBS 709: Basic Bio. Organization  
Recommended Coursework:  
GBSC 701: Graduate Student Research Meeting (meets once a mo.)**Attend course but do not register  
Research Rotations:  
Lab Rotation 1: GBS 795 (Aug. 24-Nov. 18)***  
Lab Rotation 2: GBS 796 (Nov. 19-March 1)(start)  
Journal Club: None  
Seminar: None required  
| Four Course Modules Required (we recommend the following BSB block):  
GBS 781: Molecular Enzymology (Jan.)  
GBS 782: Molecular Genetics (March)  
GBS 783: RNA Biology (Feb.)  
GBS 784: Stem Cell Biology (April)  
Recommended Coursework:  
GBSC 701: Graduate Student Research Meeting (meets once a mo.)**Attend course but do not register  
Research Rotations:  
Lab Rotation 2: GBS 796 (Nov. 19-March 1)(conclude)  
Lab Rotation 3: GBS 797 (Mar. 2-May 26)  
Journal Club: None  
Seminar: None required  
Mentor Selection (target date May 1) |
| Non-dissertation Research: GBS 798^  
Required Coursework:  
GRD 717: Bioethics (now or in the spring)  
GBSC 701: Graduate Student Research Meeting  
Journal Club : Required (selected by the student and mentor)  
| Non-dissertation Research: GBS 798^  
Required Coursework:  
BY 755: Biometry (if not taken in Year 1 Spring)  
GRD 717: Bioethics (if not taken in the fall)  
GBSC 701: Graduate Student Research Meeting  
Journal Club : Required (selected by the student and mentor )  
| Non-dissertation research: GBS 798^  
|  
| Elective/Advanced Course(s): A total of 3 advanced courses which should be decided by mentor and thesis committee.  
Seminar: None required  
Submit updated CV (target date Sept. 1)  
Committee formed (target date is Jan. 2)  
| Elective/Advanced Course(s): A total of 3 advanced courses which should be decided by mentor and thesis committee.  
Seminar: None required  
Committee meeting (target date by end of May) |
| Non-dissertation research: GBS 798^  
Required Coursework:  
GBSC 701: Graduate Student Research Meeting  
Journal Club : Required (selected by the student and mentor)  
| Non-Dissertation research: GBS 798^  
Required Coursework:  
GBSC 701: Graduate Student Research Meeting  
Journal Club : Required (selected by the student and mentor)  
| Dissertation research: GBS 799^  
Elective/Advanced Course(s): A total of 3 advanced courses |
# Biochemistry, Structural & Stem Cell Biology

## UAB GRADUATE BIOMEDICAL SCIENCES

### Training Plan*

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<th>Term</th>
<th>Journal Club</th>
<th>Elective/Advanced Course(s)</th>
<th>Seminar</th>
<th>Submit updated CV</th>
<th>Qualifying Exam**/Admission to Candidacy</th>
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<tbody>
<tr>
<td>1</td>
<td>Required (selected by the student and mentor)</td>
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**Students must be admitted to candidacy for a minimum of 1 year before thesis defense.

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<th>Term</th>
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*Each term registration, 9 credit hours

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

*** Example Rotation dates, AY2015-16

^ MSTP students register for MSTP 798 or MSTP 799

* 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

10.26.15 fm