

	Fall Term ¹	Spring Term ¹	Summer Term ¹
1	<p>Coursework²: GBS 707: Basic Biochemistry GBS 708: Basic Genetics GBS 709: Basic Bio. Organization</p> <p>Research Rotations: Lab Rotation 1³: GBS 795 (Aug.18-Oct.14) Lab Rotation 2³: GBS 796 (Oct. 17-Dec.16)</p> <p>Journal Club: None</p> <p>Seminar: Weekly attendance at Department of Microbiology or other seminar (no registration required)</p>	<p>Coursework²: GBS 760: Prokaryotic Gen/Mol. Bio. GBS 762: Virology GBS 763: Microbial Pathogenesis GBS 768: Communicating Science</p> <p>Research Rotations: Lab Rotation 3³: GBS 796 (Jan.9-Mar.10) Lab Rotation 4³: GBS 797 (Mar.13-May12)</p> <p>Journal Club: None</p> <p>Seminar: Weekly attendance at Department of Microbiology or other seminar (no registration required)</p> <p>Mentor Selection (<i>target date March 10th</i>)</p>	<p>Required Coursework: GBS 798: Non-dissertation Research GBSC 716: SpTp: Intro Struct Bio/Adv Tech GBS 722: Intro to Biostats</p> <p>Elective/Advanced Course(s): None</p> <p>Journal Club: None</p> <p>Seminar: None</p>
2	<p>Required Courses: GBS 798: Non-dissertation Research GRD 717: Bioethics GBS 759: Dev Pres Skills in Micro Res</p> <p>Elective/Advanced Course(s)⁴: 3 required during training</p> <p>Journal Club: required</p> <p>Seminar: Weekly attendance at Department of Microbiology or other seminar (no registration required)</p> <p>2nd Yr. Prelim. Mtg.: by Oct. 15th</p>	<p>Required Courses: GBS 798: Non-dissertation Research GBS 759: Dev Pres Skills in Micro Res</p> <p>Elective/Advanced Course(s)⁴: 3 required during training</p> <p>Journal Club: required</p> <p>Seminar: Weekly attendance at Department of Microbiology or other seminar (no registration required)</p> <p>Qualifying Exam: Spring of 2nd year</p>	<p>Required Courses: GBS 798: Non-dissertation Research</p> <p>Courses: None required</p> <p>Elective/Advanced Course(s)⁴: 3 during training</p> <p>Journal Club: None</p> <p>Seminar: None</p>
3	<p>Required Courses: GBS 798: Non-dissertation Research GBS 759: Dev Pres Skills in Micro Res</p> <p>Elective/Advanced Course(s)⁴: 3 required during training</p>	<p>Required Courses: GBS 799: Dissertation research GBS 759: Dev Pres Skills in Micro Res</p> <p>Elective/Advanced Course(s)⁴: 3 required during training</p>	<p>Required Courses: GBS 799: Dissertation research</p> <p>Elective/Advanced Course(s)⁴: 3 during training</p> <p>Journal Club: None</p>

<p>Journal Club: required</p> <p>Seminar: Weekly attendance at Department of Microbiology or other seminar (no registration required)</p> <p>Admission to Candidacy Committee Meeting: Fall of 3rd year</p>	<p>Journal Club: required</p> <p>Seminar: Weekly attendance at Department of Microbiology or other seminar (no registration required)</p> <p>Committee Meeting (1 additional this year)</p>	<p>Seminar: None</p> <p>Committee Meeting (1 additional this year)</p>
<p>Required Courses: GBS 799:Dissertation research GBS 759: Dev Pres Skills in Micro Res</p> <p>Elective/Advanced Course(s)⁴: 3 required during training</p> <p>4 Journal Club: required</p> <p>Seminar: Weekly attendance at Department of Microbiology or other seminar (no registration required)</p> <p>Committee Meeting (2 per year)</p>	<p>Required Courses: GBS 799:Dissertation research GBS 759: Dev Pres Skills in Micro Res</p> <p>Elective/Advanced Course(s)⁴: 3 required during training</p> <p>Journal Club: required</p> <p>Seminar: Weekly attendance at Department of Microbiology or other seminar (no registration required)</p> <p>Committee Meeting (2 per year)</p>	<p>Required Courses: GBS 799:Dissertation research</p> <p>Elective/Advanced Course(s)⁴: 3 during training</p> <p>Journal Club: None Seminar: None</p> <p>Committee Meeting (2 per year)</p>
<p>Required Courses: GBS 799:Dissertation research GBS 759: Dev Pres Skills in Micro Res</p> <p>Elective/Advanced Course(s)⁴: 3 required during training</p> <p>5 Journal Club: required</p> <p>Seminar: Weekly attendance at Department of Microbiology or other seminar (no registration required)</p> <p>Committee Meeting (2 per year)</p>	<p>Required Courses: GBS 799:Dissertation research GBS 759: Dev Pres Skills in Micro Res</p> <p>Elective/Advanced Course(s)⁴: 3 required during training</p> <p>Journal Club: required</p> <p>Seminar: Weekly attendance at Department of Microbiology or other seminar (no registration required)</p> <p>Committee Meeting (2 per year)</p>	<p>Required Courses: GBS 799:Dissertation research</p> <p>Dissertation Defense⁵ (public & private)</p> <p>Graduation</p>

Training Plan

6	<p><i>(if needed)</i> Dissertation research: GBS 799 Dissertation Defense⁵ (public & private) Graduation</p>	<p><i>(if needed)</i> Dissertation research: GBS 799 Dissertation Defense⁵ (public & private) Graduation</p>	
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¹ Each term registration: total 9 credit hours, except Equity and Diversity Scholars 10 credit hours Fall/12 credit hours Spring/10 credit hours Summer.

² Exceptions require permission of Theme Director.

³ Rotation dates, 2016-2017.

⁴ • Advanced courses are 700-level, 3 credit hours, letter grade. If in doubt, consult Theme Director.

- May take one first year course (Jan-April modules) as an advanced course with additional work. Requires permission of instructor and Theme Director.
- May take both sections of first-year Immunology (Nov-Dec, Jan) to count as a single advanced course without additional work IF you have not previously taken either section. Requires permission of instructor and Theme Director.
- May take a single off-campus course to count for advanced credit. Requires permission of Theme Director. Consult with Theme Director for acceptable courses and requirements.

⁵ Must be admitted to candidacy for a minimum of 1 year before dissertation defense

Additional theme requirements

Publications: Two (2) accepted or published first author papers

Presentations: At least one (1) presentation at a national or international scientific meeting

Exceptions to these guidelines rest with the committee