

**Training Plan for Graduate Students<sup>#</sup>**

	Fall Term <sup>1</sup>	Spring Term <sup>1</sup>	Summer Term <sup>1</sup>
<b>1</b>	<p><b>Coursework<sup>2</sup>:</b>  <b>GBS 707:</b> Basic Biochemistry  <b>GBS 708:</b> Basic Genetics  <b>GBS 709:</b> Basic Bio. Organization  <b>GBS 748:</b> Fundamentals in Microbiology</p> <p><b>Research Rotations:</b>  <b>Lab Rotation 1: GBS 795 (Aug.25-Nov.19)<sup>3</sup></b>  <b>Lab Rotation 2: GBS 796 (Nov. 19-Feb. 8) (start)</b></p> <p><b>Journal Club:</b> None  <b>Seminar:</b> Weekly attendance at Department of Microbiology or other seminar</p>	<p><b>Coursework<sup>2</sup>:</b>  <b>GBS 760:</b> Prokaryotic Gen/Mol. Bio.  <b>GBS 762:</b> Virology  <b>GBS 763:</b> Microbial Pathogenesis  <b>GBS 768:</b> Communicating Science  <b>BY 755:</b> Biometry (if not taken in spring of first year, must be taken by end of second year)</p> <p><b>Research Rotations:</b>  <b>Lab Rotation 2: GBS 796 (Nov. 20-Feb. 27) (conclude)</b>  <b>Lab Rotation 3: GBS 797 (March 2-May 27) (start)</b></p> <p><b>Journal Club:</b> None  <b>Seminar:</b> Weekly attendance at Department of Microbiology or other seminar</p> <p><b>Mentor Selection (target date May 1)</b></p>	<p><b>Lab Rotation 3: GBS 797 (March 2-May 27) (conclude)</b></p> <p><b>Courses:</b> None required</p> <p><b>Elective/Advanced Course(s)<sup>4</sup>:</b> 3 during training</p> <p><b>Journal Club:</b> None  <b>Seminar:</b> None</p>
<b>2</b>	<p><b>Non-dissertation Research: GBS 798</b></p> <p><b>Coursework:</b>  <b>GRD 717:</b> Bioethics  <b>GBS 759:</b> Dev Pres Skills in Micro Res  <b>Journal Club:</b> required</p> <p><b>Elective/Advanced Course(s)<sup>4</sup>:</b>            3 required during training</p> <p><b>Seminar:</b> Weekly attendance at Department of Microbiology or other seminar</p> <p><b>2<sup>nd</sup> Yr. Prelim. Mtg.:</b> by Oct. 15<sup>th</sup></p>	<p><b>Non-dissertation Research: GBS 798</b></p> <p><b>Coursework:</b>  <b>BY 755:</b> Biometry (if not taken in spring of first year, must be taken by end of second year)  <b>GBS 759:</b> Dev Pres Skills in Micro Res  <b>Journal Club:</b> required</p> <p><b>Elective/Advanced Course(s)<sup>4</sup>:</b>            3 required during training</p> <p><b>Seminar:</b> Weekly attendance at Department of Microbiology or other seminar</p> <p><b>Qualifying Exam:</b> Spring of 2<sup>nd</sup> year</p>	<p><b>Non-Dissertation research: GBS 798</b></p> <p><b>Courses:</b> None required</p> <p><b>Elective/Advanced Course(s)<sup>4</sup>:</b> 3 during training</p> <p><b>Journal Club:</b> None  <b>Seminar:</b> None</p>
<b>3</b>	<p><b>Non-dissertation Research: GBS 798</b></p> <p><b>Coursework:</b>  <b>GBS 759:</b> Dev Pres Skills in Micro Res  <b>Journal Club:</b> required</p> <p><b>Elective/Advanced Course(s)<sup>4</sup>:</b>            3 required during training</p> <p><b>Seminar:</b> Weekly attendance at Department of Microbiology or other seminar</p> <p><b>Admission to Candidacy Committee Meeting:</b>            Fall of 3<sup>rd</sup> year</p>	<p><b>Dissertation research: GBS 799</b></p> <p><b>Coursework:</b>  <b>GBS 759:</b> Dev Pres Skills in Micro Res  <b>Journal Club:</b> required</p> <p><b>Elective/Advanced Course(s)<sup>4</sup>:</b>            3 required during training</p> <p><b>Seminar:</b> Weekly attendance at Department of Microbiology or other seminar</p> <p><b>Committee Meeting (1 additional this year)</b></p>	<p><b>Dissertation research: GBS 799</b></p> <p><b>Courses:</b> None required</p> <p><b>Elective/Advanced Course(s)<sup>4</sup>:</b> 3 during training</p> <p><b>Journal Club:</b> None  <b>Seminar:</b> None</p> <p><b>Committee Meeting (1 additional this year)</b></p>

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<p><b>4</b></p> <p>Dissertation research: GBS 799</p> <p><b>Coursework:</b> GBS 759: Dev Pres Skills in Micro Res <b>Journal Club:</b> required</p> <p><b>Elective/Advanced Course(s)<sup>4</sup>:</b> 3 required during training</p> <p><b>Seminar:</b> Weekly attendance at Department of Microbiology or other seminar</p> <p><b>Committee Meeting (2 per year)</b></p>	<p>Dissertation research: GBS 799</p> <p><b>Coursework:</b> GBS 759: Dev Pres Skills in Micro Res <b>Journal Club:</b> required</p> <p><b>Elective/Advanced Course(s)<sup>4</sup>:</b> 3 required during training</p> <p><b>Seminar:</b> Weekly attendance at Department of Microbiology or other seminar</p> <p><b>Committee Meeting (2 per year)</b></p>	<p>Dissertation research: GBS 799</p> <p><b>Elective/Advanced Course(s)<sup>4</sup>:</b> 3 during training</p> <p><b>Journal Club:</b> None <b>Seminar:</b> None</p> <p><b>Committee Meeting (2 per year)</b></p>
<p><b>5</b></p> <p>Dissertation research: GBS 799</p> <p><b>Coursework:</b> GBS 759: Dev Pres Skills in Micro Res <b>Journal Club:</b> required</p> <p><b>Elective/Advanced Course(s)<sup>4</sup>:</b> 3 required during training</p> <p><b>Seminar:</b> Weekly attendance at Department of Microbiology or other seminar</p> <p><b>Committee Meeting (2 per year)</b></p>	<p>Dissertation research: GBS 799</p> <p><b>Coursework:</b> GBS 759: Dev Pres Skills in Micro Res <b>Journal Club:</b> required</p> <p><b>Elective/Advanced Course(s)<sup>4</sup>:</b> 3 required during training</p> <p><b>Seminar:</b> Weekly attendance at Department of Microbiology or other seminar</p> <p><b>Committee Meeting (2 per year)</b></p>	<p>Dissertation research: GBS 799</p> <p><b>Dissertation Defense<sup>5</sup></b> (public &amp; private)</p> <p><b>Graduation</b></p>
<p><b>6</b></p> <p><i>(if needed)</i> Dissertation research: GBS 799 Dissertation Defense<sup>5</sup> (public &amp; private) Graduation</p>		

<sup>1</sup> Each term registration: total 9 credit hours, except Equity and Diversity Scholars 10 credit hours Fall/12 credit hours Spring/10 credit hours Summer.

<sup>2</sup> Exceptions require permission of Theme Director.

<sup>3</sup> Rotation dates, 2014-2015.

<sup>4</sup> • 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.

<sup>5</sup> 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*