

2017-2018 Training Plan

See additional footnotes for important theme specific requirements

	Fall Term ¹	Spring Term ¹	Summer Term ¹
1	<p>Required Coursework: GBS 708: Basic Genetics (8.8.17 - 9.18.17) GBS 707: Basic Biochemistry (9.19.17 - 10.30.17) GBS 709: Basic Bio. Organ. (10.31.17 – 12.15.17)</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>Microbiology Theme Meeting: Attend meeting, but do not register</p> <p>Seminar: Attend weekly Department of Microbiology or other seminar, but do not register</p>	<p>Four Course Modules Required <i>Exceptions to the courses below require permission of the Theme Director:</i> GBS 760: Prokaryotic Gen/Mol. Bio I (1.8.18 – 2.2.18) GBS 764: Structural Biology for Micro (2.5.18 – 3.2.18) GBS 763: Microbial Pathogenesis (3.5.18 – 3.30.18) GBS 762: Virology (4.2.18 – 4.27.18)</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>Microbiology Theme Meeting: Attend meeting, but do not register</p> <p>Seminar: Attend weekly Department of Microbiology or other seminar, but do not register</p> <p>Mentor Selection- Target date March 10</p>	<p>Required Coursework: GBS 768: Communicating Science (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 Coursework: GBSC 731: Intro to Biostatistics GBS 759: Dev Pres Skills in Micro Res GBS 798: Non-dissertation Research Journal Club</p> <p>Elective/Advanced Course(s)²: A total of 3 advanced courses are required during training. These should be selected in consultation with the mentor and dissertation committee.</p> <p>Seminar: Attend weekly Department of Microbiology or other seminar, but do not register</p> <p>2nd Year Prelim. Mtg- by October 16th</p>	<p>Required Coursework: GBS 759: Dev Pres Skills in Micro Res GBS 798: Non-dissertation Research Journal Club</p> <p>Elective/Advanced Course(s)²: Three required during training.</p> <p>Seminar: Attend weekly Department of Microbiology or other seminar, but do not register</p> <p>Qualifying Exam: Written proposal due by April 30th</p>	<p>Required Coursework: GBS 798: Non-dissertation research</p> <p>Elective/Advanced Course(s)²: Three required during training.</p>
3	<p>Required Coursework: GBS 759: Dev Pres Skills in Micro Res GBS 798: Non-dissertation Research Journal Club</p> <p>Elective/Advanced Course(s)²: Three required during training.</p> <p>Seminar: Attend weekly Department of Microbiology or other seminar, but do not register</p> <p>Admission to Candidacy Committee Meeting³</p>	<p>Required Coursework: GBS 759: Dev Pres Skills in Micro Res GBS 799: Dissertation Research Journal Club</p> <p>Elective/Advanced Course(s)²: Three required during training.</p> <p>Seminar: Attend weekly Department of Microbiology or other seminar, but do not register</p> <p>Committee Meeting: One meeting in addition to the Admission to Candidacy meeting is required in the Spring or Summer term.</p>	<p>Required Coursework: GBS 799: Dissertation Research</p> <p>Elective/Advanced Course(s)²: Three required during training.</p> <p>Committee Meeting: One meeting in addition to the Admission to Candidacy meeting is required in the Spring or Summer term.</p>
4	<p>Required Coursework: GBS 759: Dev Pres Skills in Micro Res GBS 799: Dissertation Research Journal Club</p> <p>Elective/Advanced Course(s)²: Three required during training.</p> <p>Seminar: Attend weekly Department of Microbiology or other seminar, but do not register</p> <p>Committee Meeting: Two meetings per year are required</p>	<p>Required Coursework: GBS 759: Dev Pres Skills in Micro Res GBS 799: Dissertation Research Journal Club</p> <p>Elective/Advanced Course(s)²: Three required during training.</p> <p>Seminar: Attend weekly Department of Microbiology or other seminar, but do not register</p> <p>Committee Meeting: Two meetings per year are required</p>	<p>Required Coursework: GBS 799: Dissertation Research</p> <p>Elective/Advanced Course(s)²: Three required during training.</p> <p>Committee Meeting: Two meetings per year are required</p>
5	<p>Required Coursework: GBS 759: Dev Pres Skills in Micro Res GBS 799: Dissertation Research Journal Club</p> <p>Elective/Advanced Course(s)²: Three required during training.</p> <p>Seminar: Attend weekly Department of Microbiology or other seminar, but do not register</p> <p>Committee Meeting: Two meetings per year are required</p>	<p>Required Coursework: GBS 759: Dev Pres Skills in Micro Res GBS 799: Dissertation Research Journal Club</p> <p>Elective/Advanced Course(s)²: Three required during training.</p> <p>Seminar: Attend weekly Department of Microbiology or other seminar, but do not register</p> <p>Committee Meeting: Two meetings per year are required</p>	<p>Required Coursework: GBS 799: Dissertation Research</p> <p>Elective/Advanced Course(s)²: Three required during training.</p> <p>Dissertation Defense⁴ (private and public)</p> <p>Graduation⁴</p>

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- ¹ 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.
Must obtain permission of Mentor and Theme Director to register for Career Development courses (e.g., GRD and CIRTLL).
- ² Elective/advanced courses
 - Must be 700-level, 3 credit hours, letter grade. If in doubt, consult Theme Director.
 - Must be science-based (e.g., GRD and CIRTLL courses do not fill this requirement).
 - May take one first year course (Jan-May 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.
- ³ Admission to Candidacy – See Graduate School Policies for credit hours required prior to meeting.
- ⁴ Graduation – Must be admitted to candidacy for a minimum of 1 year before dissertation defense. See Graduate School Policies for credit hour requirements.

Additional theme requirements

Publications: Two 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