[Immunology Theme]

Training Plan

	Fall Term*	Spring Term*	Summer Term*
	Required Coursework:	Required Coursework:	Required Coursework:
	GBS 707: Basic Biochemistry	GBS 740A: Intro to Immunology (I)	GBS 798: Non-dissertation Research
	GBS 708: Basic Genetics	GBS 740B: Intro to Immunology (II)	GBS TBD: Sci Comm & Review
	GBS 709: Basic Bio. Organization		GBS 722: Intro to Biostats with Dr. Karen Gamble
		Recommended Coursework:	
	Recommended Coursework: None	GBS 744: Mucosal Immunology GBS 741: Lymphocyte Biology	Elective/Advanced Course(s): None
	Research Rotations:	Research Rotations:	Journal Club: None
1	Lab Rotation 1: GBS 795 (Aug.18-Oct.14)	Lab Rotation 3: GBS 796 (Jan.9-Mar.10)	
_	Lab Rotation 2: GBS 796 (Oct. 17-Dec.16)	Lab Rotation 4: GBS 796 (Jan. 9-Mar. 10) Lab Rotation 4: GBS 797 (Mar. 13-May 12)	Seminar: Recommended; Program in
	Januara Chila Nana	Lab Rotation 4. GB3 797 (ivial.13-iviay12)	Immunology Seminar (no registration required)
	Journal Club: None	Journal Club: None	or other
	6	Journal Club. None	
	Seminar: Recommended; Program in	Comingue December and od: Ducament in June 1991	
	Immunology Seminar (no registration required) or other	Seminar: Recommended; Program in Immunology Seminar (no registration required) or other	
	required) of other	Seminar (no registration required) or other	
		Mentor Selection (target date March 10)	
	Required Coursework:	Required Coursework:	Required Courses:
	GBS 798: Non-dissertation Research	GBS 798: Non-dissertation Research	GBS 798: Non-dissertation Research
	GRD 717: Bioethics	GRD 701: Presentation/Discussion Skills	
			Elective/Advanced Course(s): None
	Journal Club: required	Journal Club: required	
			Journal Club: None
	Elective/Advanced Course(s):	Elective/Advanced Course(s):	
2	Must complete 3 advanced courses in 2 nd year and beyond	Must complete 3 advanced courses in 2 nd year and beyond	Seminar: Recommended; Program in
	year and beyond	Seminar: Recommended; Program in Immunology	Immunology Seminar (no registration required) or other
	Seminar: Recommended; Program in	Seminar or other	of other
	Immunology Seminar (no registration	Seminar or other	
	required) or other	Dissertation Committee formed (before end of Spring	
	•	Semester)	
		Semestery	

[Immunology Theme]

Training Plan

	Required Coursework:	Required Coursework:	Required Courses:
	GBS 798: Non-dissertation Research	GBS 798: Non-dissertation Research	GBS 799:Dissertation research
	MIC 710: Development of Communication Skills for Biological	MIC 710 : Development of Communication Skills for Biological Research	
	Research	Diological Nescarcii	Elective/Advanced Course(s): None
		Journal Club: required	Elective/ Advanced Course(3). None
	Journal Club: required		Journal Club: None
	Elective/Advanced Course(s):	Elective/Advanced Course(s):	
	Must complete 3 advanced courses in 2 nd	Must complete 3 advanced courses in 2 nd year and beyond	Seminar: Recommended; Program in
3	year and beyond	Seminar: Recommended; Program in Immunology	Immunology Seminar (no registration required) or other
		Seminar or other	of other
	Seminar: Recommended; Program in		
	Immunology Seminar or other	**Qualifying Exam/	
	Submit Annual progress report	Admission to Candidacy (by April 7 th)	
	Committee Meeting Oct/Nov	 Written due to committee by February 1st, Revisions due back to the committee by 	
		March 21st and anticipated date of Qualifying	
		Exam and Admission to Candidacy is April 7 th .	
		Committee Meeting April/May	
	Required Courses:	Required Courses:	Required Courses:
	GBS 799:Dissertation research	GBS 799:Dissertation research	GBS 799:Dissertation research
	MIC 710: Development of Communication Skills for Biological	MIC 710 : Development of Communication Skills for Biological Research	Elective/Advanced Course(s): None
	Research		Liective/ Advanced Course(s). None
		Journal Club: required	Journal Club: None
4	Journal Club: required		
	Seminar: Recommended; Program in	Seminar: Recommended; Program in Immunology	Seminar: Recommended; Program in
	Immunology Seminar or other	Seminar or other	Immunology Seminar (no registration required)
	-0,	Committee Meeting April/May	or other
	Submit Annual progress report	, , , , , , , , , , , , , , , , , , ,	
	Committee Meeting Oct/Nov		

Training Plan

5	Required Courses:	Required Courses:	Required Courses:
)	GBS 799: Dissertation research	GBS 799:Dissertation research	GBS 799:Dissertation research
	MIC 710: Development of	MIC 710: Development of Communication Skills for	
	Communication Skills for Biological	Biological Research	Elective/Advanced Course(s): None
	Research		
		Journal Club: required	Journal Club: None
	Journal Club: required		
		Seminar: Recommended; Program in Immunology	Seminar: Recommended; Program in
	Seminar: Recommended; Program in	Seminar or other	Immunology Seminar (no registration required)
	Immunology Seminar or other	<u>.</u>	or other
		Committee Meeting April/May	
	Submit Annual progress report		
	Committee Meeting Oct/Nov		
6	(if needed)	(if needed)	
	Required Courses:	Required Courses:	
	Required Courses: GBS 799:Dissertation research	Required Courses: GBS 799:Dissertation research	
	GBS 799:Dissertation research	GBS 799:Dissertation research	
	-	-	
	GBS 799:Dissertation research Journal Club: required	GBS 799:Dissertation research Journal Club: required	
	GBS 799:Dissertation research	GBS 799:Dissertation research Journal Club: required Committee Meeting April/May	
	GBS 799:Dissertation research Journal Club: required Submit Annual progress report	GBS 799:Dissertation research Journal Club: required Committee Meeting April/May OR	
	GBS 799:Dissertation research Journal Club: required Submit Annual progress report Committee Meeting Oct/Nov	GBS 799:Dissertation research Journal Club: required Committee Meeting April/May OR Dissertation Defense (public & private)	
	GBS 799:Dissertation research Journal Club: required Submit Annual progress report Committee Meeting Oct/Nov OR	GBS 799:Dissertation research Journal Club: required Committee Meeting April/May OR	
	GBS 799:Dissertation research Journal Club: required Submit Annual progress report Committee Meeting Oct/Nov OR Dissertation Defense (public &	GBS 799:Dissertation research Journal Club: required Committee Meeting April/May OR Dissertation Defense (public & private)	
	GBS 799:Dissertation research Journal Club: required Submit Annual progress report Committee Meeting Oct/Nov OR	GBS 799:Dissertation research Journal Club: required Committee Meeting April/May OR Dissertation Defense (public & private)	

- Each term registration: total 9 credit hours, except Equity and Diversity Scholars 10 credit hours Fall/12 credit hours Spring/10 credit hours summer.
- Written due to committee by February 1st, Revisions due back to the committee by March 21st and anticipated date of Qualifying Exam and Admission to Candidacy is April 7th.
- 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.

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UAB GRADUATE BIOMEDICAL SCIENCES

Training Plan

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

Additional theme requirements

Publications: Two (2) accepted or published papers

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

Exceptions to these guidelines rest with the committee