[Biochemistry, Structural & Stem Cell Biology]

Training Plan#

110	aining Plan [*]		
	Fall Term*	Spring Term*	Summer Term*
	Required Coursework:	Four Course Modules Required (we	GBS 747: Sp. Topic
	GBS 707: Basic Biochemistry	recommend the following BSB block):	Scientific Comm. &
	GBS 708: Basic Genetics	GBS 781: Molecular Enzymology (Jan.)	Review (May)
	GBS 709: Basic Bio. Organization	GBS 782: Molecular Genetics (March)	000 707
		GBS 783: RNA Biology (Feb.)	GBS 797
	Barrier and all Comments	GBS 784: Stem Cell Biology (April)	And/or*
	Recommended Coursework:	December ded Comments	GBS 798^: Non-
	GBSC 701: Graduate Student Research	Recommended Coursework:	dissertation research
	Meeting (meets once a mo.)**Attend	GBSC 701: Graduate Student Research Meeting	(Discuss which to
	course but do not register	(meets once a mo.)**Attend course but do not	register for with the
	Research Rotations:	register BY 755 : Biometry (You can choose to take this	theme manager)
1	Lab Rotation 1: GBS 795 (Aug. 24-Nov.	in Year 2 Spring, but this semester is	Elective/Advanced
	18)***	recommended)	Course(s): None
	Lab Rotation 2: GBS 796 (Nov. 19-March	recommended)	Course(s). None
	1)(start)	Research Rotations:	Journal Club: None
	1)(3:01:1)	Lab Rotation 2: GBS 796 (Nov. 19-March	Seminar: None
	Journal Club: None	1)(conclude)	Januari None
	Seminar: None required	Lab Rotation 3: GBS 797 (Mar. 2-May 26)	
	- Comman None required	and notation of obs 757 (man 2 may 25)	
		Journal Club: None	
		Seminar: None required	
		Mentor Selection (target date May 1)	
	Non-dissertation Research: GBS 798^	Non-dissertation Research: GBS 798^	Non-dissertation
			research: GBS 798^
	Required Coursework:	Required Coursework:	
	GRD 717 : Bioethics (now or in the spring)	BY 755 : Biometry (if not taken in Year 1 Spring)	Elective/Advanced
	GBSC 701: Graduate Student Research	GRD 717 : Bioethics (if not taken in the fall)	Course(s): A total of
	Meeting	GBSC 701 : Graduate Student Research Meeting	3 advanced courses
	Journal Club: Required (selected by the	Journal Club: Required (selected by the	which should be
2	student and mentor)	student and mentor)	decided by mentor
			and thesis
	Elective/Advanced Course(s): A total of 3	Elective/Advanced Course(s): A total of 3	committee.
	advanced courses which should be decided	advanced courses which should be decided by	
	by mentor and thesis committee.	mentor and thesis committee.	Journal Club: None
			Seminar: None
	Seminar: None required	Seminar: None required	
	Submit updated CV (target date Sept. 1)	Committee meeting (target date by end of	
	Cabinit apacies ev (talget date Sept. 1)	May)	
	Committee formed (target date is Jan. 2)	,	
	Non-dissertation research: GBS 798^	Non-Dissertation research: GBS 798^	Dissertation
3			research: GBS 799^
	Required Coursework:	Required Coursework:	
	GBSC 701: Graduate Student Research	GBSC 701: Graduate Student Research Meeting	Elective/Advanced
		T .	
	Meeting	Journal Club: Required (selected by the	Course(s): A total of

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	Journal Club: Required (selected by the student and mentor) 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)	Elective/Advanced Course(s): A total of 3 advanced courses which should be decided by mentor and thesis committee. Seminar: None required Qualifying Exam**/Admission to Candidacy	which should be decided by mentor and thesis committee. Journal Club: None Seminar: None
	Qualifying Exam (target date is Oct/Nov)		
	Dissertation research: GBS 799^	Dissertation research: GBS 799^	Dissertation research: GBS 799^
4	Required Coursework: GBSC 701: Graduate Student Research Meeting Journal Club: Required (selected by the student and mentor)	Required Coursework: GBSC 701: Graduate Student Research Meeting Journal Club: Required (selected by the student and mentor) Seminar: None required	Journal Club: None Seminar: None
	Seminar: None required Submit updated CV (target date Sept. 1)		
	Committee Meeting (min. of 1/year)		
5	Required Coursework: GBSC 701: Graduate Student Research Meeting Journal Club: Required (selected by the student and mentor)	Dissertation research: GBS 799^ Required Coursework: GBSC 701: Graduate Student Research Meeting Journal Club: Required (selected by the student and mentor) Seminar: None	Dissertation Defense** (public & private) Graduation
	Seminar: None		
	Submit updated CV (target date Sept. 1)		
	Committee Meeting (min. of 1/year)		
6	(if needed) Dissertation Defense** (public & private)		
	Graduation		

^{*}Each term registration, 9 credit hours

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

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

^{***} Example Rotation dates, AY2015-16

 $^{^{\}updayscript{\wedge}}$ MSTP students register for MSTP 798 or MSTP 799