[Biochemistry & Structural Biology] Training Plan[#]

	Fall Term*	Spring Term*	Summer Term*
	Required Coursework:	Four Course Modules Required (we	Non-dissertation
	GBS 707: Basic Biochemistry	recommend the following BSB block):	research: GBS 798^
	GBS 708: Basic Genetics	GBS 781: Molecular Enzymology	
	GBS 709: Basic Bio. Organization	GBS 782: Molecular Genetics	Elective/Advanced
	GBS 780: BSB Laboratory Methods	GBS 783: RNA Biology	Course(s): None
		GBS 784: Stem Cell Biology	course(s). None
	Recommended Coursework:		
	BMG 769: Graduate Student Research Meeting	Recommended Coursework:	Journal Club: None
	(meets once a mo.)**Attend course but do not	BMG 769 : Graduate Student Research Meeting	Seminar: None
	register	(meets once a mo.)**Attend course but do not	
	0	register	
1	Research Rotations:	BY 755 : Biometry (You can choose to take this in	
1	Lab Rotation 1: GBS 795 (Aug.26-Nov. 20)***	Year 2 Spring, but this semester is recommended)	
	Lab Rotation 2: GBS 795 (Nov. 21-Feb.		
	26) (<i>start</i>)	Research Rotations:	
	20)(310/1)	Lab Rotation 2: GBS 796 (Nov. 21-Feb.	
		26)(<i>conclude</i>)	
	Journal Club: None	Lab Rotation 3: GBS 797 (Feb. 27-May 28)	
	Seminar: None required	Lab Notation 5. 005 757 (reb. 27-10ay 28)	
		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
	BMG 769: Graduate Student Research Meeting	GRD 717 : Bioethics (if not taken in the fall)	Course(s): A total of 4
	Journal Club : Required (selected by the	BMG 769: Graduate Student Research Meeting	advanced courses
	student and mentor)	Journal Club : Required (selected by the student	which should be
		and mentor)	decided by mentor and
2	Elective/Advanced Course(s): A total of 3		thesis committee.
	advanced courses which should be decided	Elective/Advanced Course(s): A total of 3	
	by mentor and thesis committee.	advanced courses which should be decided by	Journal Club: None
		mentor and thesis committee.	Seminar: None
	Seminar: None required		
		Seminar: None required	
	Submit updated CV (target date Sept. 1)		
		Committee meeting (target date by end of May)	
	Committee formed (target date is Jan. 5)		
	Non-dissertation research: GBS 798^	Non-Dissertation research: GBS 798^	Dissertation
			research: GBS 799 [^]
	Required Coursework:	Required Coursework:	
	BMG 769: Graduate Student Research Meeting	BMG 769: Graduate Student Research Meeting	Elective/Advanced
3	Journal Club : Required (selected by the	Journal Club : Required (selected by the student	Course(s): A total of 4
-	student and mentor)	and mentor)	advanced courses
			which should be
	Elective/Advanced Course(s): A total of 3	Elective/Advanced Course(s): A total of 3	decided by mentor and
	advanced courses which should be decided	advanced courses which should be decided by	thesis committee.
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	by mentor and thesis committee.	mentor and thesis committee.	
	by mentor and thesis committee.		Journal Club: None
	Seminar: None required	Seminar: None required	Seminar: None
	Submit updated CV (target date Sept. 1)	Qualifying Exam**/Admission to Candidacy	
	Dissertation research: GBS 799^	Dissertation research: GBS 799^	Dissertation research: GBS 799^
	Required Coursework:	Required Coursework:	
	BMG 769 : Graduate Student Research Meeting	BMG 769: Graduate Student Research Meeting	Journal Club: None
	Journal Club : Required (selected by the	Journal Club : Required (selected by the student	Seminar: None
Л	student and mentor)	and mentor)	
4	,	,	
	Seminar: None required	Seminar: None required	
	Submit updated CV (target date Sept. 1)		
	Committee Meeting (min. of 1/year)		
5	Dissertation research: GBS 799^	Dissertation research: GBS 799^	Dissertation
			Defense** (public &
	Required Coursework:	Required Coursework:	private)
	BMG 769: Graduate Student Research Meeting	BMG 769: Graduate Student Research Meeting	Cueduation
	Journal Club : Required (selected by the	Journal Club : Required (selected by the student	Graduation
	student and mentor)	and mentor)	
	Seminar: None	Seminar: None	
	Submit updated CV (target date Sept. 1)		
	Committee Meeting (min. of 1/year)		
6	(if needed)		
U	Dissertation Defense** (public & private)		
	Graduation		

*Each term registration, 9 credit hours

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

*** Example Rotation dates, AY2012-2013

^ MSTP students register for MSTP 798 or MSTP 799

[#] 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*