[Biochemistry, Structural & Stem Cell Biology]

Training Plan[#]

	Fall Term*	Spring Term*	Summer Term*
	Required Coursework:	Four Course Modules Required (we	GBS 797
	GBS 707: Basic Biochemistry	recommend the following BSB block):	And/or*
	GBS 708: Basic Genetics	GBS 781: Molecular Enzymology	GBS 798^: Non-
	GBS 709: Basic Bio. Organization	GBS 782: Molecular Genetics	dissertation research
	GBS 780: BSB Laboratory Methods	GBS 783: RNA Biology	(Discuss which to
	· · · · · · · · · · · · · · · · · · ·	GBS 784: Stem Cell Biology	register for with the
	Recommended Coursework:		theme manager)
	GBSC 701: Graduate Student Research	Recommended Coursework:	
	Meeting (meets once a mo.)**Attend	GBSC 701 : Graduate Student Research Meeting	Elective/Advanced
	course but do not register	(meets once a mo.)**Attend course but do not	Course(s): None
		register	
	Research Rotations:	BY 755 : Biometry (You can choose to take this	Journal Club: None
1	Lab Rotation 1: GBS 795 (Aug. 25-Nov.	in Year 2 Spring, but this semester is	Seminar: None
	19)***	recommended)	Seminar. None
	Lab Rotation 2: GBS 796 (Nov. 20-Feb.		
	27)(start)	Research Rotations:	
	27)(start)		
	Journal Clubs Mana	Lab Rotation 2: GBS 796 (Nov. 20-Feb.	
	Journal Club: None	27)(conclude)	
	Seminar: None required	Lab Rotation 3: GBS 797 (Mar. 2-May 27)	
		Journal Club: None	
		Seminar: None required	
		Mentor Selection (target date May 1)	
	Non-dissortation Pasaarch: GBS 7080	Non-dissortation Posearch: GBS 7980	Non-dissortation
	Non-dissertation Research: GBS 798^	Non-dissertation Research: GBS 798^	Non-dissertation
			Non-dissertation research: GBS 798^
	Required Coursework:	Required Coursework:	research: GBS 798^
	Required Coursework: GRD 717: Bioethics (now or in the spring)	Required Coursework: BY 755 : Biometry (if not taken in Year 1 Spring)	research: GBS 798 [^] Elective/Advanced
	Required Coursework: GRD 717: Bioethics (now or in the spring) GBSC 701: Graduate Student Research	Required Coursework: BY 755: Biometry (if not taken in Year 1 Spring) GRD 717: Bioethics (if not taken in the fall)	research: GBS 798 [^] Elective/Advanced Course(s): A total of
	Required Coursework: GRD 717: Bioethics (now or in the spring) GBSC 701: Graduate Student Research Meeting	Required Coursework: BY 755: Biometry (if not taken in Year 1 Spring) GRD 717: Bioethics (if not taken in the fall) GBSC 701: Graduate Student Research Meeting	research: GBS 798 [^] Elective/Advanced Course(s): A total of 3 advanced courses
	Required Coursework: GRD 717: Bioethics (now or in the spring) GBSC 701: Graduate Student Research Meeting Journal Club : Required (selected by the	Required Coursework: BY 755: Biometry (if not taken in Year 1 Spring) GRD 717: Bioethics (if not taken in the fall) GBSC 701: Graduate Student Research Meeting Journal Club : Required (selected by the	research: GBS 798 [^] Elective/Advanced Course(s): A total of 3 advanced courses which should be
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[Biochemistry, Structural & Stem Cell Biology] Training Plan[#]

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	Seminar: None required	Seminar: None required	Journal Club: None Seminar: None		
	Submit updated CV (target date Sept. 1)	Qualifying Exam**/Admission to Candidacy			
	Qualifying Exam (target date is Oct/Nov)				
	Dissertation research: GBS 799^	Dissertation research: GBS 799 [^]	Dissertation research: GBS 799 [^]		
	Required Coursework:	Required Coursework:			
4	GBSC 701: Graduate Student Research Meeting Journal Club : Required (selected by the student and mentor)	GBSC 701 : Graduate Student Research Meeting Journal Club : Required (selected by the student and mentor)	Journal Club: None Seminar: None		
		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)		
	GBSC 701: Graduate Student Research	GBSC 701 : Graduate Student Research Meeting			
	Meeting	Journal Club : Required (selected by the	Graduation		
	Journal Club : Required (selected by the student and mentor)	student and mentor)			
		Seminar: None			
	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

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

*** Example Rotation dates, AY2014-15

^ 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*