

REQUIREMENTS FOR Ph. D. IN GENETICS				
General Genetics	Animal Genomics	Chromosome Biology	Human Genetics	Model Plants

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GCG REQUIREMENTS					
CORE COURSES					
201A (5 units Fall)	X	X	X	X	X
201B (5 units Fall)	X	X	X	X	X
201C (4 units Spring)	X	X	X	X	X
201D (5 units Winter)	X	X	X	X	X
SEMINARS					
GGG291 History of Genetics (Winter)	X	X	X	X	X
TA REQUIREMENT					
	X	X	X	X	X
FOCUS GROUP REQUIREMENTS					
ELECTIVE COURSES					
GGG 211 Concepts in Human Genetics and Genomics				X	
MIC 263 Protein:Nucleic Acids			X		
MIC 276 Adv. Concepts in DNA Metabolism			X		
Additional elective courses	3: at least 1 from list A, 1 from list B 3rd at graduate level for breadth approved by adviser	3: 2 from AG list, 3rd graduate level for breadth approved by adviser	1 graduate level for breadth approved by adviser	2: from HG approved list	3: 2 from GMP approved list, 1 with computational emphasis, one with molecular emphasis 1 graduate level for breadth
FG REQUIRED SEMINARS					
GGG 293 Seminar in Animal Genomics		X			
GGG 294 Seminar in Human Genetics				X	
GGG 295 Seminar in Molecular Genetics organized by Chromosome Biology FG			X		
GGG297 Seminar in Plant Genetics organized by Genetics of Model Plants FG					X
MIC 275 Seminar in DNA Repair and Recomb.			X - every quarter except when GGG295 offered		
ADDITIONAL ELECTIVE SEMINARS	1 GGG29X seminar + at least 1 additional seminar	at least 1 additional seminar		at least 3, at least one with focus on Human Genetics	at least 1 additional seminar
ROTATIONS	strongly encouraged	not required, can be arranged	required	strongly encouraged	strongly encouraged
QE REQUIREMENTS	Defense of dissertation proposal and examination of core course material	Same as General Genetics	As for General Genetics PLUS alternate proposal	Same as General Genetics	Same as General Genetics

NOTE: All courses taken to fulfill degree requirements must be taken for a letter grade. This includes those satisfying the elective seminar requirements.