



PhD Program in  
**Bioinformatics &  
 Integrative Genomics**

	<b>Course Name</b>	<b>Day and time</b>	<b>Notes</b>
<b>G1 Fall</b>	<b>Genetics 201</b> Principles of Genetics Instructor: Winston	MWF 9:00am - 10:20am	Rotations of 8-12 weeks throughout
	<b>BCMP 200</b> Molecular Biology Instructor: Loparo (You may select a more advances Biology course if you opt not to enroll)	MWF 10:45am - 12:15pm	
	<b>BMIF 201</b> Concepts in Genome Analysis Instructor: Sunyaev	MW 2:30pm – 4:00pm	
	<b>BBS 230A</b> (Recommended, not required) Analysis of the Biological Literature or another Elective/Rotation	T/Th 3:00pm – 5:00pm	
<b>G1 Winter (January)</b>	Rotations or Research		
<b>G1 Spring</b>	<b>Biophysics 205</b> Computational and Functional Genomics	MW 2:30pm – 4:00pm	
	<b>BBS 230B</b> (Recommended, not required) Experimental Platforms, Design and Analytics or another Elective/Rotation	TBA	
<b>G1 Summer</b>	Rotations or Research		
<b>G2 Fall</b>	<b>MED-SCI300QC</b> Conduct of Science	TBA	
	Electives		
<b>G2 Winter</b>	Rotations or Research		<b>Deadline to choose lab: March 31<sup>st</sup> of G2</b>
<b>G2 Spring</b>	Electives		<b>Deadline for PQE: June of G2</b>

Throughout G1: Students complete two 8 to 12 week lab rotations. Students meet at least twice during year with academic advisor. Course Requirements: 4 required courses and 4 electives (4 credits each or two 2 credit courses) = 8 courses. MD-PhDs have 2 required courses plus 4 electives