

# Crystallography Intensive Course Syllabus

Friday January 27, 2006			
Time		Activity	
9-11 am	Lecture I LGRT 1020	-Macromolecular crystallization techniques -Diffraction	
11-2:30	Session I	<b>Group A</b> LGRT 1008  Crystal Mounting Diffraction Data Collection  (rotating lunch break)	<b>Group B</b> LGRT 1003  Crystallization Techniques   (rotating lunch break)
2:30-5	Session II	<b>Group A</b> LGRT 1003  Crystallization Techniques	<b>Group B</b> LGRT 1008  Crystal Mounting Diffraction Data collection
Monday January 30, 2006			
8:30-10	Lecture II LGRT 1020	-Solving Structures from Diffraction Images	
10-11	Seminar (optional) LGRT 703	Yu (Brandon) Xia Seminar -Topic: simulations of protein folding.	
11-12	Lecture III LGRT 703	-Solving Structures from Diffraction Images (continued)	
12-12:30	Lunch LGRT 703	Pizza provided by the U. Mass Macromolecular Crystallography Facility Members	
12:30-3	Session III	<b>Group A</b> Goessman 152  Model Building	<b>Group B</b> LGRT 1008  Assessing crystal growth Data Scaling
3- 5:30	Session IV	<b>Group A</b> LGRT 1008  Assessing crystal growth Data Scaling	<b>Group B</b> Goessman 152  Model Building

<b>Group A</b>	<b>Group B</b>
Mathias Stotz	Martin Schulz
Kristen Huber	Peng Gong
Robert Chen	Joseph Fernandez
Stephanie Murphy	Sravanti Vaidya
Rob Smock	Witold Witkowski
Beena Krishan	Ignacio Juncandella
Kristen Paczkowski (modeling only)	Ruth Boadu (modeling only)