

**Immunology (MB 401)**  
**Lecture Schedule 2009**  
**9:30-10:45 Tu/Th; 125 Linfield Hall**

<b>Date</b>	<b>Lect. #<sup>1</sup></b>	<b>Lecture Topic</b>	<b>Chapter Readings</b>
9/1	1	Introduction to Immunology	Ch. 1
9/3	2	Cells of Immune System & Lymphoid Organs	Ch. 2
9/8	3	Innate Immunity: Cell Types & Inflammation	Ch. 3
9/10	4	Innate Immunity: Soluble Mediators & TLR's	
9/15	5	Antibodies: Structure & Function	Ch. 4
9/17	6	Antigen /Antibody Interactions	
9/22		<b>EXAM I</b>	
9/24	7	Immunoglobulin Rearrangements	Ch. 5
9/29	8	Generation of Diversity & Class Switching	
10/1	9	Complement Pathways	Ch. 7
10/6	10	Complement: Regulation & Deficiencies	Ch. 8
10/8	11	MHC Complex: Genomic Organization	
10/13	12	MHC Complex: Antigen Processing & Presentation	
10/15	13	MHC: Overview & Review	
10/20	13	<b>EXAM II</b>	
10/22	14	TCR: Structure/Function & Genomic Organization	Ch. 9
10/27	15	T cell Maturation & Differentiation & Selection of T cell Repertoire	Ch. 10
10/29	16	B Cell Maturation & Activation	Ch. 11
11/3	17	Humoral Immune Response	
11/5	18	Review	
11/10	19	<b>EXAM III</b>	
11/12	20	Cytokines: TH1 vs. TH2 & other T cell subsets	Ch. 12
11/17	21	Cell Mediated Cytotoxic Responses	Ch. 14
11/19	22	Cell Mediated Cytotoxic Responses: NK Cells	
11/24	23	Immune Response to Infectious Disease	Ch. 18
11/26		<b>Thanksgiving Break</b>	
12/1	23	Review	
12/3	24	<b>EXAM IV</b>	
12/8	25	Guest Lecturer (Attendance Required)	
12/10	26	Guest Lecturer (Attendance Required)	
12/16		<b>FINAL EXAM: 4-5:50 pm<sup>2</sup></b>	

**1 – Powerpoints of all lectures will be posted on the website ([www.homepage.montana.edu/~shalonen](http://www.homepage.montana.edu/~shalonen))**

**2 – The Final exam can replace your lowest lecture exam grade**

**Points:**

Exam I	100 pts
Exam II	100 pts
Exam III	100 pts
Exam IV	100 pts
Exercises	30 pts
Attendance	<u>20 pts</u>
<b>TOTAL PTS</b>	<b>450 pts</b>