

## Epidemiology 460/560 (2008)

Class: Monday, Wednesday and Friday - 9 am to 10 am, Room 1112 SPH-II.

Instructor: Carl F. Marrs

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Wednesday, Sept. 3	Introduction and Normal Flora
Sept. 5 to Sept. 12	Genomic Locations of Bacterial Virulence Genes and Transfer of Genes Between Bacteria
Monday, Sept. 15	Toolbox of Molecular Techniques for Studying Bacterial Virulence Genes
Sept. 17 to Sept. 19	Chemotaxis, Flagella and Type III & IV Secretion
Sept. 22 to Sept. 24	Pili & Adhesins
Friday, Sept. 26	Proteases
Monday, Sept. 29	Review for First Exam
Wednesday, Oct. 1	First Exam
Oct. 3 to Oct. 10	Toxins
Oct. 13 to Oct. 17	Invasion and Intracellular Growth
Monday, Oct. 20	NO CLASS – Fall Recess
<i>(Wed. Oct. 22</i>	<i>Epid 560 report topics due)</i>
Oct. 22	Invasion and Intracellular Growth (cont.)
Oct. 24 to Oct. 27	Phase & Antigenic Variation
Oct. 29 to Oct. 31	Capsules
Monday, Nov. 3	Review for Second Exam
Wednesday, Nov. 5	Second Exam
Nov. 7 to Nov. 10	M - Proteins
Nov. 12 to Nov. 14	LPS (Endotoxin) & LTA
Monday, Nov. 17	Iron
Nov. 19 to Nov. 24	Regulation of Virulence Genes

Wednesday, Nov. 26

NO CLASS

Dec. 1 to Dec. 5

Chemotherapy and Antibiotic Resistance

Monday, Dec. 8

Review Session (*Epid 560 reports due*)

Monday, Dec. 15, 1:30 pm to 3:30 pm Final Exam

### **Required Materials and Reading Assignments**

Required course pack: A course pack available at Michigan Book & Supply (665-4990).

Required Readings are available as pdf files in CTools.