

BSCI223 FALL 2006 Course Schedule

| Lecture | | | Case | Assignments | Lab | | | LR | |
|-----------------|----------|--|----------------|-------------------|---|-------|-----------|--|-----|
| Lec # | Lec date | Lec Topic | Bauman Chapter | Due Dates 6:00pm | Due Dates | Lab # | Lab Date | Lab Title | due |
| Module 1 | | | | | | | | | |
| 1 | 31-Aug | Course Intro. Perspective/ Microbiology | 1,11 | | | | 8/30,8/31 | no lab | |
| 2 | 5-Sep | History of Microbiology Prokaryotic cell Structure | 1,4 | | | | 9/4,5 | no lab | |
| 3 | 7-Sep | Structure and Function of Prokaryotic cells | 3 | Case 1 intro | | 1 | 9/6,7 | Leeuwenhoeks Beasties | |
| 4 | 12-Sep | Continued - Last day to Drop/Add is 9/14 | 3 | PAK 1.1 due 9/11 | Tech Quiz due 9/13 | | 9/11,12 | Continued | |
| 5 | 14-Sep | Motility and Taxis | 3 | | | 2 | 9/13,14 | Staining and Streaking | 1 |
| 6 | 19-Sep | Microbial Growth/Control | 6,9 | PAK 1.2 due 9/18 | | | 9/18,19 | Continued | |
| 7 | 21-Sep | Antibiotics | 10 | | Phylogenetic Report due in lab | 3 | 9/20,21 | Morphological Characteristics | |
| 8 | 26-Sep | Microbial Nutritition | 6 | | | 4 | 9/25,26 | Cultivation of bacteria | 2 |
| 9 | 28-Sep | Microbial Metabolism 1 | 5 | PAK 1.3 due 9/27 | | 5 | 9/27,28 | Bacterial Metabolism | 3 |
| 10 | 3-Oct | Microbial Metabolism 2 | 5 | | Phenotypic Analysis due in lab, Image check | | 10/2,3 | Assignment 1 work | 4 |
| 11 | 5-Oct | Microbial Ecology | 26 | PAK1.4 due in lab | Asg 1 due, posted 11:59 pm, 10/7 | 6 | 10/4,5 | Antimicrobial Agents and Antibiotics | 5 |
| | 10-Oct | Exam 1 (lectures 1-10) | | | | 7 | 10/9,10 | Bacterial Growth | |
| Module 2 | | | | | | | | | |
| 12 | 12-Oct | Enviornmental Microbiology | 26 | Case2 intro | | | 10/11,12 | Lab7 continues | 6 |
| 13 | 17-Oct | Bacterial Genetics 1 | 7 | | Asg2 intro post due 10/18, 11:59 pm | | 10/16,17 | Lab Midterm (Labs 1-6) on-line at CSS | |
| 14 | 19-Oct | Bacterial Genetics 2 | 7 | PAK 2.1 due10/16 | Asg2 post 1 due10/20, 11:59pm | 8 | 10/18,19 | Phenotype Genotype | 7 |
| 15 | 24-Oct | Bacterial Genetics 3 | 7 | | Asg2 post 2 due10/25, 11:59pm | 9 | 10/23,24 | Lab 8 continues Enzyme Induction | |
| 16 | 26-Oct | Applications of Bacterial Genetics | 8 | PAK 2.2 due10/23 | Asg2 post 3 due10/27, 11:59pm | 10 | 10/25,26 | Lab 8 continues UV and High Temp | 9 |
| 17 | 31-Oct | Viruses 1, Overview | 13 | | Asg2 post 4 due 11/1, 11:59pm | 11 | 10/30,31 | Lab 8 continues Agrobacterium Transfer | |
| 18 | 2-Nov | Viruses 2, Bacteriophage | 13 | PAK 2.3 due 10/30 | Asg2 Summaries due in lab | | 11/1,2 | Agrobacterium Transfer Asg2 discussion | 10 |
| 19 | 7-Nov | Viruses 3, Animal/Plant | 24,25 | | | 12 | 11/6,7 | Titration of Phage | 8 |
| 20 | 9-Nov | Host/Microbe Interactions- Last day to Withdraw 11/9 | 14 | | Asg 2 due, posted 11:59pm, 11/11 | 13 | 11/8,9 | Gram Positive cocci | |
| | 14-Nov | Exam 2 (lectures 11-19) | | | | | 11/13,14 | Lab 13 continues | 12 |
| Module 3 | | | | | | | | | |
| 21 | 16-Nov | Pathogenic Microbiology and Epidemiology | 14 | Case 3 intro | | 14 | 11/15,16 | Analysis of an Outbreak | 13 |
| 22 | 21-Nov | Host Defenses 1 | 15 | PAK 3.1 due 11/20 | | | 11/20,21 | Lab 14 contnues | |
| | 23-Nov | No Class, Thanksgiving | | | | | 11/22,23 | no lab | |
| 23 | 28-Nov | Host Defenses 2 | 16 | | | | 11/27,28 | Lab 14 continues | |
| 24 | 30-Nov | Host Defenses 3 | 17 | PAK 3.2 due 11/27 | | | 11/29,30 | Lab 14 continues | |
| 25 | 5-Dec | Selected Pathogens | TBA | | Course Evaluations | | 12/4,5 | Lab 14 presentations | 11 |
| 26 | 7-Dec | Selected Pathogens | TBA | PAK 3.3 due 12/4 | | | 12/6,7 | Lab Final (All Labs) on-line at CSS | |
| 27 | 12-Dec | Selected Pathogens | TBA | | | | 12/11,12 | no lab | |

| | | | | | | | | | |
|--|-----|--------------|--|--|--|--|--|--|--|
| | TBA | Final | | | | | | | |
|--|-----|--------------|--|--|--|--|--|--|--|