

MICROBIOLOGY FOR THE HEALTH SCIENCES

APPROXIMATE SCHEDULE OF EVENTS Spring, 2012

Day	Date	Topic	References		
			Outline	Session	Chapter
W	11 Jan	Course Introduction, History	IA	1	1
F	13	Microorganisms Chemistry: Review, as needed, on your own!	IB --	1 --	1 2
M	16	HOLIDAY	--	--	--
W	18	Microscopy and Microbial Diversity	IB	1	3
F	20	Microbial Anatomy	IIA	2	3
M	23	Microbial Nutrition and Growth	IIB	2	4
W	25	Control of Growth	IIB	2	5
F	27	Microbial Metabolism	IIC	2	6
M	30	Microbial Genetics	IID1	3	7
W	1 Feb	Genetic Recombination and Genetic Engineering	IID2	3	8, 9
F	3	Exam #1	IA-IIC	1-2	1-6
M	6	Viruses	IIE	4	13
W	8	Viruses	IIE	4	13
F	10	Applied Microbiology	III	5	29-30
M	13	Introduction to Infectious Diseases	IVA	6	16
W	15	Mechanisms of Pathogenicity	IVB1	6	16
F	17	Mechanisms of Immunity	IVB2	6	14
M	20	HOLIDAY	--	--	--
W	22	Mechanisms of Immunity	IVB2	6	15
F	24	Exam #2	IID-IVB1	4-6	7-9, 13, 29-30
M	27	Mechanisms of Immunity	IVB2	6	17
W	29	Mechanisms of Immunity	IVB2	6	18
F	2	Epidemiology	IVC	6	19
M-F	5-9	SPRING BREAK	--	--	--
M	12	Antimicrobial Chemotherapy	IVD	6	20
W	14	Respiratory System	VA	7	21
F	16	Respiratory System	VA	7	21
M	19	Respiratory System	VA	7	21
W	21	Gastrointestinal System	VB	8	24
F	23	Gastrointestinal System	VB	8	24
M	26	Gastrointestinal System	VB	8	24
W	28	Nervous System	VC	9	26
F	30	Exam #3	IVB2-VB	6-8	14,15,17-21,24
M	2 Apr	Nervous System	VC	9	26
W	4	Urogenital System	VD	10	25
F	6	HOLIDAY	--	--	--
M	9	Urogenital System	VD	10	25
W	11	Cardiovascular System	VE	11	27
F	13	Cardiovascular System	VE	11	27, 28

M	16	Skin and Eyes	VF	12	22, 23
W	18	Skin and Eyes	VF	12	22, 23
F	20	HOLIDAY	--	--	--
M	23 Apr	FINAL EXAM: 8:00 to 9:50am	VC-VF	9-12	22, 23, 25-28
		Exam #4	--	1-12	--
		Comprehensive			

IMPORTANT NOTES:

- 1 - We may deviate from this schedule, but only in minor ways. We will probably fall behind slightly, but we will finish the entire course! Changes in the schedule will be announced in class. You can plan on this schedule as a way to keep up with your reading. Exam dates may be changed at the discretion of the class (a 2/3rds majority), or by me, if done in advance.
- 2 - A detailed reading guide will be available for each Session. The reading guide should be used as follows:
 - Read very carefully* = Read and study hard, even the details. The material is very important and is core material to basic medical microbiology.
 - Read carefully* = Read and study well, even the details. The material is fundamentally important and will be used at later times in the course.
 - Read* = Read and understand the concepts well. The concepts are important but the details are not really worth memorizing.
 - Review* = Read for background and/or perspective. The material is worthwhile, it helps provide insight, but it is not essential to 'study' the material.
 - Summarize* = Read superficially if time permits. The material is interesting or informative, but may not be covered in class.
 - Skip* = We will not cover this in class.
- 3 - We will have our final exam at the scheduled time. Do not make plans to leave town before the final exam. It will be given at the scheduled time only.
- 4 - We will do the material for the first exam (basic biology of microorganisms) very quickly! We will, however, come back to much of this information when we cover infectious diseases. The material for the second exam is fundamental to understanding medical microbiology (e.g. viruses, pathogenicity and virulence) and you need to know it very well! The third and fourth exams (and part of the final) cover infectious diseases: Be aware that there are a lot of them and there are a lot of details to remember and understand. The first, second and fourth exams are usually ½ the size/value of exam #3. Exam #3 is very important.
- 5 - If you have any questions about the structure of the course, or my expectations of your progress, it is best to meet with me earlier in the semester rather than later. I am eager to help anyone who seeks my assistance, but I cannot be more interested in your growth than you are.
- 6 - I view my role in this course as both instructor and advocate. However, I expect you to assume major responsibility for your academic progress in this class, including preparation for daily work and the exams. Keep the following in mind when you are studying:
 - Exams will cover the lecture and reading material. It is best to study lecture material for its importance and not to try to just guess what questions will be on an exam.
 - Exams will be very challenging. Some exam questions will be difficult. However, exam questions are never intended to be tricky or deceitful.
 - It is my intent to make exams challenging! It is not my intent to inhibit your growth. Rather, it is my intent to have realistically high expectations of you because there are high expectations (e.g. by the professional nursing faculty) of what this course is supposed to be and do for you.
 - There are a great many 'facts' that must be learned. Whenever possible it is to your advantage to understand those items rather than just memorize them.