



quizzes, and written assignments. The bacterial identification assignment is specifically used to assess the following goals: 1) the ability to apply several techniques learned throughout the course to identify an unknown microorganism, 2) document observations and organize data from several experiments in a formal lab report, 3) the ability to use proper techniques to prevent sample contamination.

Course Prerequisites: Chem 100 and 101, or Chem 102

Course Prerequisites: Chem 100 and 101, or Chem 102

## LECTURE SCHEDULE

Session	Date	Topic	Reading
1	Sep 2	Introduction	Reading Materials & Ch1
2	Sep 7	Introduction	Ch 1
3	Sep 9	Molecules of Life	Ch 2
4	Sep 14	Molecules of Life	Ch 2
5	Sep 16	Microscopy	Ch 3
6	Sep 21	Microbial Structure and Function	Ch 4
7	Sep 23	Microbial Structure and Function	Ch 4
8	Sep 28	Microbial Metabolism	Ch 5
<b>Online</b>	<b>Sep 30: 7 am to 11 pm</b>	<b>Exam I</b>	
9	Oct 5	Microbial Metabolism	Ch 5
10	Oct 7	Microbial Growth	Ch 6
11	Oct 12	Microbial Genetics	Ch 8
12	Oct 14	Microbial Genetics	Ch 8
13	Oct 19	Recombinant DNA/Genetics	Ch 9
14	Oct 21	Viruses	Ch 13
15	Oct 26	Viruses	Ch 13
<b>Online</b>	<b>Oct 28: 7 am to 11 pm</b>	<b>Exam II</b>	
16	Nov 2	Classification of microorganisms	Ch
17	Nov 4	Survey of microorganisms	Ch 11, 12
18	Nov 9	Survey of microorganisms	Ch 11, 12
19	Nov 11	Host microbe interactions	Ch 14, 15
20	Nov 16	Innate Immunity	Ch 16
21	Nov 18	Adaptive Immunity	Ch 17
<b>Online</b>	<b>Nov 23: 7 am to 11 pm</b>	<b>Exam III</b>	
	Nov 25-Nov 29	Thanksgiving Recess - No Classes	
22	<b>Nov 30</b>	Antimicrobial drugs	Ch 20
23	<b>Dec 2</b>	Skin and Eye infections	Ch 21
24	<b>Dec 7</b>	Diseases of the Nervous System	Ch 22
25	<b>Dec 9</b>	Disease of Respiratory system	Ch 24
26	<b>Dec10</b>	Diseases of the Digestive System	Ch 25
<b>Online</b>	<b>Dec 16: 7 am to 11 pm</b>	<b>Final Exam</b>	

FINAL EXAM: (Lectures 1-25) Thursday, December 16, 2021. As dictated by UWM policy, students should arrange their class schedules to avoid Final Exam conflicts and overly demanding exam schedules.

READING ASSIGNMENT. Unless otherwise specified, students are responsible for the indicated reading assignment in the textbook. You are not responsible for sections of a chapter not covered in class unless indicated otherwise by the instructor.

Canvas. This course has a 'Canvas' website (<https://uwm.edu/canvas/>). Course syllabus, slides, outlines of lectures, announcements regarding material to be covered on exams, will be posted on this site.

Exams: All lecture exams will be objective (multiple choice and perhaps matching).

Exams 1-3 will consist of 50 questions each. The final exam will have 75 questions.

Online for all exams. The final exam will be cumulative.

Makeup exams: Under extenuating circumstances such as an illness or a religious holiday, a student may request a makeup exam with proper documentation. Such requests must be made either before an exam or the student must communicate with the instructor by email within a day of the exam. The makeup exam will have to be completed within three days of a particular exam, and the instructor will decide the time. There will be essay questions in the makeup exams. 20 % deduction for any exam without proper documentation.

Academic Misconduct – The University's responsibilities include promoting academic honesty and integrity and procedures to deal effectively with instances of academic dishonesty. Students are responsible for the honest completion and representation of their work, appropriate citation of sources, and respect for others' academic endeavors. Cheating in exams will not be tolerated. Student academic misconduct procedures are specified at [http://www4.uwm.edu/acad\\_aff/policy/academicmisconduct.cfm](http://www4.uwm.edu/acad_aff/policy/academicmisconduct.cfm)

Accommodations for Students with Disabilities: If you are a student with a disability and require special accommodations, please contact the instructor early in the semester, and also contact the Student Accessibility Center (Mitchell Hall Room 112, 229-6287, <http://www.sac.uwm.edu> ).

3 Exams (100 pts ea) = 300 points

1 Final Exam (150 pts) = 150 points

Laboratory = 200 points

Total = 650 points

In case of snow emergency call 229-4444 to determine if classes are cancelled.

Biological Sciences Dept Web Homepage: <http://www.uwm.edu/Dept/Biology>

Letter grades will be assigned based on the final total points (percentage) as listed below:

A	92 – 100%	C	71 – 75%
A-	89 – 91%	C-	68 – 70%
B+	86 – 88%	D+	65 – 67%
B	82 – 85%	D	61 – 64%
B-	79 – 81%	D-	56 – 60%
C+	76 – 78%	F	0 – 55%