

**BIOLOGY 330 - ANIMAL VIROLOGY  
SPRING 2011**

**Unique No.:** 50085      **TTH 11:00am-12:30pm**      **Room:** JGB 2.218

**Readings:** *Fundamentals of Molecular Virology* by Nicholas Acheson; Available through University Co-op or amazon.com

**Instructor:** Dr. Jaquelin Dudley

**Office Hours:** Mondays, 5:00-6:00 pm; Thursdays, 8:30-9:30am or by appointment only in NMS 2.122; Phone 471-8415

**Web site:** <http://www.sbs.utexas.edu/jdudley/bio330>; User name: biosci\bio330

Password: inFluenza! (case-sensitive)

**Electronic mail:** [mmtv@mail.utexas.edu](mailto:mmtv@mail.utexas.edu)

**Grader:**

<b>Lecture</b>	<b>Date</b>	<b>Topic</b>	<b>Text Chapter</b>	<b>Quiz</b>
1	Jan. 18	Introduction; Virus Structure	Ch. 1	--
2	Jan. 20	Virus Structure and Classification	Ch. 2 and 3	--
3	Jan. 25	" "	" "	--
4	Jan. 27	Tissue Culture and Cell Biology	" "	<b>1</b>
5	Feb. 1	Infectious Cycle	Ch. 1 and 4	--
6	Feb. 3	" "	" "	--
7	Feb. 8	Picornaviridae	Ch. 16	--
8	Feb. 10	" "	" "	<b>2</b>
9	Feb. 15	" "	" "	--
10	Feb. 17	" "	" "	--
---	<b>Feb. 22</b>	<b>EXAM 1</b>	---	<b>Exam</b>
11	Feb. 24	Togaviridae	Ch. 18	--
12	Mar. 1	" "	" "	--
13	Mar. 3	Flaviviridae	Ch. 17	--
14	Mar. 8	Animal Virus Genetics		<b>3</b>
15	Mar. 10	Rhabdoviridae	Ch. 20	--
---	Mar.14-18	<b>SPRING BREAK</b>	---	--
16	Mar. 22	Rhabdoviridae	Ch. 20	--
17	Mar. 24	" "	" "	<b>4</b>
18	Mar. 29	Defective Interfering Particles	Ch. 20	--
19	Apr. 31	" "	" "	--
---	<b>Apr. 5</b>	<b>EXAM 2</b>	---	<b>Exam</b>
20	Apr. 7	Orthomyxoviridae	Ch. 23	--
21	Apr. 12	" "	" "	--
22	Apr. 14	Retroviridae	Ch. 25	--
23	Apr. 19	" "	" "	<b>5</b>
24	Apr. 21	Oncogenesis by Retroviruses	Ch. 25	--
25	Apr. 26	HIV; AIDS	Ch. 26	--
26	Apr. 28	" "	" "	--
27	May 3	Polyomaviridae	Ch. 10	<b>6</b>
28	May 5	" "	" "	--
<b>Thur.</b>	<b>May 12</b>	<b>COMPREHENSIVE FINAL EXAM</b>	<b>2-5pm</b>	<b>Exam</b>

## QUESTIONS:

Questions during class periods and during office hours are encouraged. If you cannot attend regularly scheduled office hours, please CALL or SEND E-MAIL FIRST to make an appointment. Please make use of electronic mail for questions (mmtv@mail.utexas.edu). It is an excellent way to think through problems that you may have encountered with the lecture material and, often, you may receive the answer faster than through an appointment. There also is a **Discussion Board** on the web site that can be used to post questions and allow discussion among members of the class.

## EXAMS AND GRADING:

Two exams will be given during the regularly scheduled class period in JGB 2.218 and a **comprehensive** final exam will be given on Thursday, May 12. Each of the regularly scheduled exams will count as 25% of your grade, and there will be several quizzes during class periods that will make up the remaining 25%. There are no make-ups for quizzes, but you will be allowed to drop one grade. Make-up exams are given only under RARE circumstances and MUST BE accompanied by written documentation of the absence and after approval from the instructor. Each regularly scheduled exam will be in a short answer/essay format and will cover lectures and assigned reading material from the part of the course immediately preceding each exam. Exams will be given according to the syllabus schedule unless there is an official University holiday. Approximate letter grades will be given for each exam. These grades should only be considered as general indicators of your progress and not as formal partial grades.

Exams usually are graded within one week and will be returned during class periods (except the final exam). Cheating WILL NOT be tolerated under any circumstances, and all exams are copied before they are returned. Therefore, there is a written record of all responses during the exam period. Re-grading of exams will be considered only by returning the exam with a WRITTEN explanation to the grader in my mailbox located in the Microbiology office (NMS 2.104). Exams will be considered for re-grading only until another regularly scheduled exam is given; this means that you have about a month and a half to have re-grades performed.

## STUDENTS WITH DISABILITIES

Please notify me during the first two weeks of class of any modification/adaptation that you may require to accommodate a need related to your disability. You will be requested to provide documentation to the Office of the Dean of Students so that the most appropriate accommodations can be determined. Specialized services are available on campus through Service for Students with Disabilities.

## READING MATERIAL:

The recommended reading material has been cited from the textbook "Fundamentals of Molecular Virology" by Nicholas H. Acheson (available from the University Co-op or amazon.com). This book is on reserve in the Science library. Other recommended textbooks are *Genes X* by B. Lewin ([www.ergito.com](http://www.ergito.com)), *Fundamental Virology* (4th ed.) by David Knipe and Peter M. Howley, *Principles of Virology* by S. J. Flint et al. (3rd ed.), *Virology: Principles and Applications* by John Carter (2007), and *Virology: Molecular Biology and Pathogenesis* by Leonard Norkin (2010). Some of these recommended textbooks are on reserve in the Science library.