

**ADVS 5700/6700**  
**General Animal Pathobiology 3 credits**  
**Spring Semester**

**Instructor:**

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**Course Description:** Introduction to the principles of gross, microscopic and physiological changes associated with diseases of domestic animals.

Prerequisite: ADVS 5690/6690 or permission of instructor.

**Text:** ADVS 6700 General Animal Pathobiology (Loaned to Students)

-Notes are available at the student center Bookstore.

-A medical dictionary is highly recommended.

**Course Fee:** The \$20.00 course fee is used to purchase slides, teaching aids and for examinations & handouts.

**Planned Schedule:**

<b>Week (Date)</b>	<b>Topic</b>	<b>Chapter</b>
1 (1/9-1/11)	Introduction: Death of Cells and Tissues	1
2 (1/16-1/18)	Necrosis	1
3 (1/23-1/25)	Cellular Infiltrations	2
4 (1/30-2/1)	Degeneration	2
5 (2/6-2/8)	Mineral Deposits	3
6 (2/13-2/15)	Pigments	3
7 (2/22)	Disturbances of Growth	4
8 (2/27-3/1)	Neoplasia	4
9 (3/6-3/8)	Disturbance of Circulation	5
3/13-3/15	Spring Break No Classes	
10 (3/20-3/22)	Disturbance of Circulation	5
11 (3/27-3/29)	Inflammation	6
12 (4/3-4/5)	Inflammation	6
13 (4/10-4/12)	Immunopathology	7
14 (4/17-4/19)	Genetically Determined Disease and Cytogenetics	8
15 (4/24-4/26)	Genetically Determined Disease and Cytogenetics	8
5/3	Fourth Exam 11:30 - 1:20 AM	

**Class and Laboratory Instruction:**

Each class period will be used as lecture and/or lab as needed.

## Communicative Intensive (CI):

Student will be required to prepare one major research paper on an animal disease.

The paper is to include seven sections:

1. History: When and who discovered the disease:
2. Etiology (cause):
3. Clinical signs:
4. Gross lesions:
5. Microscopic lesions:
6. Clinical pathology:
7. References

An extra 10 points will be earned if you attach to your paper a medical journal article on the pathology of the disease (Must be in English).

- The text of the paper is to be 6 to 7 pages in length, this does not include a title or reference page
- Type on 8 ½ X 11 inch paper, double space, use 12 font letter size, have no more than 1 ½ inch top, bottom, left side and right side margins.
- Staple in upper left corner, no cover pages
- Use at least 4-6 references from library sources such as books or medical journals (up to 2 reference sources from the www).
- References are to be numbered and listed on the last page of your paper in the order in which they appear in the text. In the text, refer to each reference by number in parenthesis. [i.e. your first reference should be (1), your second (2), etc.]

Reference credits:

Put references at the end of any sentence or paragraph when you include material which you did not have in your own memory prior to starting this assignment. Include quotation marks around any group of 10 or more words that are taken verbatim from any source. I fully expect a reference notation as a part of nearly all paragraphs. Use any journal format for references.

Due dates for Paper: Draft due prior to spring break. Final paper due date: April 3, 2007.

Your paper will be graded as follows:

Format

-Six to seven pages of text, margins, font size, double spaced	10 points
-References: 4-6 journal articles (up to two can be from www)	10 points
-Proper reference format	10 points
-Grammar, punctuation, spelling	10 points

Coverage

-History	10 points
-Etiology	10 points
-Clinical signs	10 points
-Gross lesions	10 points
-Microscopic lesions	10 points
-Clinical pathology	<u>10 points</u>

Total: 100 points

Deductions

-Late submission	10 pts. per week
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Additions

-Copy of one journal article on pathology of disease	Up to 10 points
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## **Evaluation:**

- Short exams to include both lecture and lab material. They will be given after completion of Weeks 3,5,7,9,11,13,15.

The last one will be given as the final exam. The total points for all exams will be 700 points.  
-Paper 100 points

800 points total

**Grades:** Percents will be adjusted at the end of the semester. The most points on exams earned by a student will be considered 100%. The CI paper will not be considered in this adjustment.

A	95-100%	B+	85-90%	C+	70-75%	D+	55-60%
A-	90-95%	B	80-85%	C	65-70%	D	50-55%
		B-	75-80%	C-	60-65%	F	<50%

## **Graduate and Honors Students (Other Students are welcome to attend these sessions)**

These students will spend 1 extra hour per week. These hours will be at the Diagnostic Lab reviewing pathology cases. For 6700 students one-hundred points will be added to your possible score. You will need to attend at least 10 of these sessions during the semester to earn these 100 points.

## **GENERAL UNIVERSITY POLICIES**

### **1. Students with Disabilities:** The Americans with Disabilities Act states:

“Reasonable accommodation will be provided for all persons with disabilities in order to ensure equal participation within the program.” If a student has a disability that will likely require some accommodation by the instructor, the student must contact the instructor and document the disability through the Disability Resource Center (797-2444), preferably during the first week of the course. Any request for special consideration relating to attendance, pedagogy, taking of examinations, etc., must be discussed with and approved by the instructor. In cooperation with the Disability Resource Center, course materials can be provided in alternative format, large print, audio, diskette, or Braille.

### **2. Plagiarism:** Plagiarism includes knowingly “representing, by paraphrase or direct quotation, the published or unpublished work of another person as one’s own in any academic exercise or activity without full and clear acknowledgment. It also includes the unacknowledged use of materials prepared by another person or agency engaged in the selling of term papers or other academic materials” The penalties for plagiarism are severe. They include warning or reprimand, grade adjustment, probation, suspension expulsion, withholding of transcripts, denial or revocation of degrees, and referral to psychological counseling.

### **3. Academic Integrity - “The Honor System”:** Each student has the right and duty to pursue his or her academic experience free of dishonesty. The Honor System is designed to establish the higher level of conduct expected and required of all Utah State University students.

*The Honor Pledge:* To enhance the learning environment at Utah State University and to develop student academic integrity, each student agrees to the following Honor Pledge: “I pledge, on my honor to conduct myself with the foremost level of academic integrity.” A student who lives by the Honor Pledge is a student who does more than not cheat, falsify, or plagiarize. A student who lives by Honor Pledge:

- Espouses academic integrity as an underlying and essential principle of the Utah State University community;
- Understands that each act of academic dishonesty devalues every degree that is awarded by this institution; and
- Is a welcomed and valued member of Utah State University.