



## **ANFS 101**

### **Animals, Science and Society**

#### **Syllabus 1. Course Information (see [www.udel.edu/sakai](http://www.udel.edu/sakai))**

<b>BACKGROUND:</b>	ANFS 101 is a 3 credit, lecture course designed for both Animal Science majors and non-majors. The course provides a broad overview of how animals function (genetics, nutrition, physiology, reproduction, health). The course begins with an examination of our relationships with animals and their roles in society. It concludes with a discussion of how agricultural animals are managed to produce safe and healthy food. As an introductory course, there are no prerequisites. It is understood that most students who are enrolled come from a urban or suburban background and have little or no prior experience with domestic food animals.
<b>COURSE OBJECTIVES:</b> 	<ol style="list-style-type: none"><li>1. Think critically; use quantitative reasoning, skeptical inquiry and the scientific approach to solve problems in animal and food sciences.</li><li>2. Demonstrate knowledge of major scientific concepts, social, economic and ethical implications in the animal and food sciences</li><li>3. Learning from diverse perspectives to assimilate knowledge and synthesize new solutions and ways of thinking.</li><li>4. To understand the interrelationships between animal agriculture and people not directly involved in animal agriculture.</li></ol>
<b>COURSE MEETINGS:</b>	T TH 9:30 – 10:45 (for sections 10, 11 and 80) SMITH 130  Office hours: TBA
<b>TEXTBOOK:</b>	"Animal Science Global, Biological, Social and Industry Perspectives" by W. Stephen Damron. Reading assignments should be read prior to lecture, and it is your responsibility to keep up with the assignments.
<b>INSTRUCTOR:</b>	Dr. Lesa Griffiths Phone: 831-2524 Office: 48 TNS Hall E-mail address: <a href="mailto:lesa@udel.edu">lesa@udel.edu</a>  Office hours: TBA Dr. Griffiths received her B.S. in Animal Science from Cornell University and her M.S.

	and Ph.D. in Animal Nutrition from Purdue University. She joined the faculty in 1987 and became the Associate Dean for Academic Programs in the College of Ag and Natural Resources in 1997. From 2001 - 2011, Dr. Griffiths served as Director of the University's Institute for Global Studies and in 2008, Associate Provost for International Programs. In addition to ANFS 101, she teaches <i>ANFS 251 Animal Nutrition</i> , <i>ANFS 261 Pet Nutrition</i> , <i>ANFS 417 Beef Cattle and Sheep Production</i> , <i>ANFS 418 Swine Production</i> and she leads a study abroad trip to New Zealand to visit cattle and sheep stations.
<b>EXTRA CREDIT</b>	The work devoted to extra credit assignments would take away from time that could be spent on your notes and lecture material. Focusing on learning the lecture material will help you score higher on your next exam. The extra credit is to count your highest exam score twice in your grade calculation. Therefore your time is better spent on lecture material than other extra credit assignments – so <u>please</u> do not ask for other extra credit assignments. Join the course study group (see below) for more help.
<b>HOMEWORK:</b>	You will be assigned lectures to listen to on-line and/or additional chapters to read. You should take notes, read the assigned chapters and consider those lectures equally important to those which you attend live. The material from those lectures will be on the subsequent exam.
<b>ACADEMIC DISHONESTY:</b>	You are encouraged to become familiar with the University's Policy of Academic Dishonesty found in the "Student Guide to Policies." The content of the guide applies to this course. You can also read the policy in the Official Student Handbook on the web.
<b>ATTENDANCE:</b>	Lecture material, handouts and accurate notes can ONLY be obtained by attending lecture. Attendance is required, and attendance will be taken sporadically in lecture. Each student will be allowed two absences from lecture without any penalty. After the two absences, students will be penalized 1/3 of a letter grade (i.e. from a B+ to a B) per unexcused absence. See the Official Student Handbook for criteria for an excused absence. In summary, excused absences are religious holidays, medical (with an official medical excuse), athletics, marching band and a death in the family. You do not need to notify me about unexcused absences (sleeping late, had to catch a ride home, weddings, etc.).
<b>TUTOR and SUPPORT SERVICES:</b>  Study Group	If you are concerned about the course material, don't wait until after your first exam to get organized. The Office of Academic Enrichment offers help with taking multiple-choice exams, tutors and study groups. Go to OAE and sign up for free ANFS 101 tutoring NOW. They won't form a tutor group unless enough people sign up! <a href="http://ae.udel.edu/">http://ae.udel.edu/</a>  148-150 South College Avenue • 302-831-4555
<b>SPECIAL ACCOMODATIONS:</b>	If you have a documented disability that may affect your class performance, please inform me privately before the third class day so appropriate arrangements can be made.
<b>IMPORTANT DATE</b>	<b>Last day to drop</b> the course without penalty: October 27

## Syllabus

### Tentative Lecture Order and Readings



<b>Animals and Humanity</b>		<b>Chapter</b>
	Course Information	
	The Human-Animal Bond	23
	Companion Animals	23
<b>The Animal Sciences</b>		
	Animal Nutrition/Nutrients	5
	The Nutrients/ Digestive Anatomy	5
	Digestion and Metabolism	6
	Genetics	8
	Animal Breeding	9
	Animal Health	14
	Animal Reproduction	11
	Lactation	12
	Animal Behavior	13
	Animal Growth	
	Animal Health	14
<b>The Animal Industries</b>		
	Beef Cattle	16
	Dairy Cattle	17
	Swine	19
	Horses	21
<b>Animal Issues in Society</b>		
	Animal Welfare and Animal Rights	29

<b>Homework Lectures:</b>		<b>Due Date</b>	<b>Chapter</b>
	Feedstuffs		7
	Biotechnology		10
	Market Coord & Poul		15, 18
	Sheep and Goats		20

