

Biology 830P Immunology 3 hours credit

Summer, 2012

Dr. Brad Ericson, Instructor

BHS 201E

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Contact Hours: M-F: 9:00 am to 3:00 pm central standard time (CST). I do not check email after 3:00 pm CST and rarely on weekends.

Announcements, assignments, tests, and quizzes: All information for this class will be available on blackboard (<http://bb.unk.edu>). You should check it regularly.

E-mail: All students must use their UNK email account so that I can reach them. All emails to Dr. Ericson should **be sent from your email account** and **not** through blackboard.

Catalog Description

Prerequisites: Biology 309, 360 and 211 or 400 with Chemistry 351 highly recommended or permission of instructor. An in-depth discussion of the principles of modern immunology. Major topics of discussion will include: (1) cellular components of the immune system, (2) antibody structure, function and synthesis, (3) function of cytokines and complement, (4) MHC structure and function and (5) the immune system and disease.

The text for the course is *Janeway's Immunobiology* by Kenneth Murphy. Garland Science Publishing. ISBN 978-0-8153-4243-4

Expectations: Grades are based on exams. You are expected to participate on the discussion board, but this is not graded. The discussion board is designed for you to ask questions concerning the lecture material or make a post of a current event relating to immunology. Do not post exam questions here. Use your private email account for this purpose.

My role in the course: Finally, a word about my role. Distance classes can be overwhelming for an instructor who tries to interact constantly with each student's postings. I will log in and read what you all post shortly after the posting. I will not, however, respond to each of your postings. Frequently I will find comments or observations that you make of such interest that I will send an email to all of you commenting about these.

Grading will be based on departmental policy as follows: A+ (97-100%), A (96-94%), A-(93-90%) B+ (88-89%), B (83-87%), B- (80-82%), C+(78-79%), C (73-77%), C- (72-70%)D+ (68-69%), D (63-67%), D- (60-63%), F (below 60%).

Course Points:

Exams (three) @ 100 points

300 points

Total Points

300 points

Exams: Exams may be composed of multiple choice, true/false, application problems, and/or short essays. I believe that immunology and science exams in general should be an application of the material learned, and not simply rote memorization. The exams are not comprehensive, in that, the questions asked will specifically address material covered since the last exam or in the case of the first exam, material since the first day of class. The material on the test will include lecture material only. The multiple choice/true or false portion of the exam will be taken as a timed online portion. The amount of time allotted will be announced at the time of the test. If you run out of time while taking the test, you will not be given extra time. If you have a problem while taking your test, send me an email and I will deal with it as soon as possible. The computer displays a message to me that tells me what kind of problem you had, whether you took too much time or there was a computer problem. I will be available M-F from 9:00 am to 3:00 pm CST, but not constantly as I do have other teaching and research responsibilities. Everyone is expected to take all of the exams. **You must take all three exams to receive full credit. If you miss an exam, you will automatically fail and receive a letter grade of an "F".** The dates for the exams are listed on the schedule. The exam will be made available at 8:00 am CST on Monday of the week listed and taken off at 11:55 pm CST on Sunday of the week listed. As an example, if the first test is put on blackboard at 8:00 am CST on Monday, September 27th, you would have until 11:55 pm CST Sunday, October 3rd to take the online portion and email the take-home portion to me. **THE DEADLINE IS FINAL! THE ONLINE PORTION WILL BE REMOVED AT 11:55 pm CST ON THE SUNDAY DUE DATE.**

MAKEUP EXAMS WILL BE GIVEN ONLY UNDER EXTREME OR EXTENUATING CIRCUMSTANCES, WHICH CAN BE DOCUMENTED! In any and all cases, the final validity and acceptability of any excuse for absence are at my sole discretion.

General Discussion Board: This discussion board will be for introductions, general questions, and questions over lecture. This discussion board will **not be graded**. If you have questions about lecture material, please post it here. In my experience, if you have a question about the material, so does everyone else! **Do not post questions about tests here.** If you have a question about a test you have taken, email me directly. If it is something that should be shared with the rest of the class, I will post it.

Bonus Points or Extra Credit: During the course of the summer, there is a possibility of earning bonus points or extra credit (see grading scheme). For the bonus points or extra credit offered, neither can be "made up". Do not ask to do something "extra" if you miss the opportunity. Also, do not attempt to use extra credit to make up for missing an assignment that is part of the course. If you miss something, you miss it, no ifs, ands or buts!

Students with Disabilities

The college is committed to providing support for students with disabilities. Any student with physical, learning, emotional, or psychological disabilities is encouraged to stop by room 163 in the Memorial Student Affairs Building, the Academic Success Office and make an appointment with David Brandt, the Disabilities Coordinator at 308-865-8214 or by email at brandtdl@unk.edu. If you have an accommodation plan please see me as soon as possible, so we

can make any arrangements necessary for your learning. No accommodations can be provided until a Reasonable Accommodation Plan is in place. Please remember, plans are not retroactive and cannot be used for assignments prior to the date of my signature.

Policy on incomplete: To be considered for an incomplete in Biology 830P:

1. You must submit the reasons you cannot complete the scheduled work. This must include a copy of your class schedule and description of your responsibilities outside the classroom. This should be done in writing and include confirmation from your employer when appropriate.
2. You must specify the assignments you have missed and a schedule of plans to complete them.
3. You must submit a copy of the above information to the Chair of the Department of Biology and the Dean of Natural and Social Sciences.
4. Upon completion of items 1-3, your request for an incomplete will be considered.

I expect all students to progress through the requirements for Biology 830P in a timely fashion. Unless your circumstance is quite remarkable, do not consider an incomplete.

Plagiarism and cheating: Neither will be tolerated! Anyone caught plagiarizing any exercise or cheating on any exercise will receive a 0 for that exercise; subsequent violations will result in referral to the Vice Chancellor for Academic Affairs for dismissal from the university.

Course Schedule—Completion date follows each set of lectures. You need to have read the chapters and try to complete the lectures listed by these completion dates (normal font) to be prepared for the exams. Exam completion dates are shown in bold.

Lectures 1-9 (Chapters 1-4) May 20th

Exam I 100 Points 5/25

Lectures 10-19 (Chapters 5-7) June 3rd

Exam II 100 Points 6/10

Lectures 20-33 (Chapters 8-11) June 28th

Exam III 100 Points 6/29