



Course **BIOL-3V00, 002 CLINICAL PATHOPHYSIOLOGY**
Professor Dr. ILYA SAPOZHNIKOV, M.D., Ph.D.
Term SPRING, 2017

Meetings **TR 1.00-2.15PM**, ECSS 2.201;

Professor's Contact Information

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Teaching Assistants:

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Other Information

Please make use of the email addresses listed above (based on your section) for contact with the Instructor and TAs. Do NOT contact TAs or the Instructor by Elearning mail, but by your UTD e-mail client (Galaxy/Exchange).

Make use of the Elearning discussion board to interact with fellow students. Be aware that this is intended for student use, but is also monitored by TAs and your instructor.

General Course Information

Pre-requisites, Co-requisites, & other restrictions	<p>The course is designed as an Upper Level Biology Elective. Its particular focus is to meet the interests of the students who plan to become professionals working in the health care field.</p> <p>The prerequisites for the enrollment include the BIOL-2281, BIOL-2311, and the BIOL-2312 or their equivalents.</p>
Course Description	<p>The strategic goal of the course is to make the students to internalize the idea of the complexity of the processes leading to the onset and the development (pathogenesis) of the diseased condition, with the emphasizing the concept of the misbalanced homeostatic regulation underlying any pathology. To understand the involvement of all body systems in the seemingly “local” manifestation of the disease, and to realize the mind-body connections in the subjective and objective characteristics of any particular ailment and its influence on the process of the recovery (sanogenesis).</p> <p>We will discuss the classical typological characteristics of the reviewed diseases: etiology, pathogenesis, clinical characteristics, diagnosis, treatment, prognosis, prevention based on most recent scientific data. The pathological conditions that will be covered include: 1. Inflammation and Repair; 2. Infectious Diseases; 3. Diseases of the Heart.</p>
Learning Outcomes	<p>The main outcomes of this course consist in the ability of the students (1) to interpret the pathological conditions of the human body on the basis of the modern concepts of the clinical pathophysiology and view them as a result of a misbalanced local and systemic homeostasis; (2) to explain the mechanisms of the effects of the specific and non-specific primary and secondary prevention;(3) to apply the obtained knowledge to their personal experience, using it as a tool for the maintaining a healthy life style.</p>
Required Texts & Materials	<p>ROBBINS BASIC PATHOLOGY; Ninth Edition(ISBN 978-1-4377-1781-5).</p> <p>The following are some websites that provide supplemental information on the issues discussed in the “Clinical Pathophysiology” course.</p> <p>http; //www.</p> <ol style="list-style-type: none">1. ama-assn.org/ American Medical Association/JAMA2. americanheart.org American Heart Association3. cdc.gov/ Centers for Disease Control and Prevention4. healthfinder.gov Government-sponsored mega site5. mayohealth.org Mayo Clinic6. ncbi.nlm.nih.gov/Pubmed/fulltext.html Medline online journal links7. nih.gov National Institutes of Health
Suggested Texts, Readings, & Materials	

- | | |
|------------------|----------------------------|
| 8. pharminfo.com | Pharmaceutical |
| 9. rxlist. com | Drugs |
| 10. sciam.com/ | Scientific American online |

Assignments & Academic Calendar

[Topics, Reading Assignments, Due Dates, Exam Dates]

All exams are taken on a scantron. You will need the pink/red/white scantron labeled ParScore Form No. F-1712-PAR-L. *Tip: pick up 7 scantrons at off campus books or the UTD bookstore PRIOR to the first exam. This will ensure that you have them for every exam without chancing that supplies run out.

Reading Assignments: In order to best understand the material presented in lecture, read the assigned chapters prior to class.

UNIT REVIEWS

1.The attendance of the Unit Review Sessions is Required (they take place during regular lecture times). A hard copy is due at the beginning of the Review Session. (No e-mail reviews will be accepted).

2. You will need to print off two copies, one to submit (with your name) and another to take additional notes during the Review Session. If you have answered no less than 70% of the review questions correctly, we will add 3 points to the grade of this particular Unit Exam.

3. The failure to submit the review answers will result in a deduction of 5 points (-5) from your Unit Exam grade.

The weeks of January 8,15, 22,29, 2017	<u>Unit 1:</u> The introduction to the course. Inflammation and Repair. Chapter 2.
2.7.2017	Unit Exam # 1(Chapter 2)
The weeks of February 5,12, 19, 26, 2017	<u>Unit 2 General Pathology of Infectious Diseases.</u> Chapter 8.
3. 9. 2017	Unit Exam #2 (Chapter 8)
The weeks of March 19, 26, April 2, 9,16,23 2017	<u>Unit 3:</u> Diseases of the Heart. Chapter 10.
4. 27. 2017;	Unit Exam # 3(Chapters 10)

Final Exam Time and Date: *Based on University Final Exam Schedule.*



FINAL EXAM (COMPEHENSIVE)

TBA

Our final exam times are based on the UTD published finals schedule. If you have an instructor who varies from the University exam schedule, creating conflict with this scheduled time, you will need to contact that instructor to make alternate arrangements. You must be present for your final exam at the stated time listed based on your section assignment!

Due to classroom seating limitations and fairness to all students, we are unable to let you take your final exam earlier or later than the schedule dictates for your section. Do not assume you can take the exam with the other section...You are required to show up for testing on your scheduled date or you will be turned away.

Course Policies

Comet Creed	<p><i>This creed was voted on by the UT Dallas student body in 2014. It is a standard that Comets choose to live by and encourage others to do the same:</i></p> <p><i>“As a Comet, I pledge honesty, integrity, and service in all that I do.”</i></p>
UT Dallas Syllabus Policies and Procedures	<p><i>The information contained in the following link constitutes the University’s policies and procedures segment of the course syllabus.</i></p> <p><i>Please go to http://go.utdallas.edu/syllabus-policies for these policies.</i></p>

The descriptions and timelines contained in this syllabus are subject to change at the discretion of the Professor.