

# Physiology and Biophysics (PHYB)

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**PHYB 301. Human Physiology and Pathophysiology I. 5 hours.**

Designed for the College of Pharmacy. Physiology and pathophysiology of the nervous, cardiovascular, and excretory systems at the cell, tissue, organ, and system levels. Course Information: Prerequisite(s): Enrollment in the Doctor of Pharmacy program.

**PHYB 302. Human Physiology and Pathophysiology II. 5 hours.**

Continuation of PHYB 301. Physiology and pathophysiology of the blood, respiratory, endocrine, and reproductive systems. General pathology, mechanisms of disease. Course Information: Prerequisite(s): PHYB 301 and enrollment in the Doctor of Pharmacy program.

**PHYB 321. Human Physiology for Dental Students I. 2 hours.**

The major concepts involved in the regulation of living processes are introduced. The underlying homeostasis and communication mechanisms by which the major systems are interrelated are emphasized. Course Information: Prerequisite(s): Credit or concurrent registration in a 300-level biochemistry course. Class Schedule Information: To be properly registered, students must enroll in one Conference and one Lecture-Discussion.

**PHYB 322. Human Physiology for Dental Students II. 2 hours.**

Continuation of PHYB 321. A continuation of the major concepts involved in the regulation of living processes. The underlying homeostasis and communication mechanisms by which the major systems are interrelated are emphasized. Course Information: Prerequisite(s): PHYB 321.

**PHYB 396. Independent Study. 1-4 hours.**

Independent study (non-laboratory) for advanced undergraduates majoring in appropriate disciplines. Course Information: Prerequisite(s): Consent of the instructor.

**PHYB 399. Laboratory Research. 1-4 hours.**

Laboratory research for advanced undergraduates majoring in appropriate disciplines. Course Information: Satisfactory/Unsatisfactory grading only. Prerequisite(s): Consent of the instructor.