WCU School of Nursing
Pre-Approved Online NSG 346 Pathophysiology Equivalents

1. University of Wyoming Outreach Education

http://outreach.uwyo.edu

Contact: Dianne Davis 1-800-448-7801 ddavis@uwyo.edu

PHCY 4450, 40 4 credit hours
Pathophysiology
Nathan Eliason
Clinical concepts of dynamic disease processes in humans. Biochemical, physiological, and morphological disease mechanism are related to symptomatology and treatment. (RN/BSN)
Prerequisites: LIFE 1010, CHEM 1000 or 1020 and 1030, KIN/ZOO 2040, 2041, ZOO 3115 or 3120.

Sites: Nationwide
Online UW
Class access is through http://ecampus.uwyo.edu
There is an additional online fee of $40 per credit

PHCY 5165. Advanced Pathophysiology for Primary Care Practitioners. 4. A system-based approach is used to explore selected pathophysiological states encountered across the lifespan in primary care. The developmental physiology, etiology, pathogenesis, clinical manifestations, and physiological responses to illness and treatment regimens are examined, providing a basis for the foundation of clinical decisions. Prerequisites: PHCY 4450 or equivalent.

2. Arkansas Tech University

http://www.atu.edu/nursing

Contact: Carole Horner 479-968-0383 chorner@atu.edu

NUR 3803 Applied Pathophysiology: Prerequisites: BIOL 2014 and BIOL 3074. This course focuses on the mechanisms and concepts of selected pathological disturbances to the human body. Emphasis is placed on how the specific pathological condition effects the functioning of the system involved as well as its impact on all other body systems.
3. Middle Tennessee State University

http://w1.mtsu.edu/universitycollege/

Contact: (615) 898-5332

3340 Pathophysiology. Three credits. (Same as NURS 3010.)

Three hours lecture

4. University of Wisconsin – Oshkosh *Both Courses Required

http://www.uwosh.edu/home/contact-us

Contact: (920) 424-1234

Accel Pathophysiology I

I. The first of two courses focusing on the characteristics and manifestations of disease caused by alterations or injury to the body structure or functions. Conditions in which altered metabolism, inadequate supply and use of oxygen; altered blood and nutrient transport; fluid, electrolyte and acid-base imbalances and altered structures of bones and/or muscles are discussed. The body defenses, including the stress response and the interrelationship of the physical, emotional, and psychological responses in actual disease or disease threat are included in the course. Prerequisites: Acceptance into Accelerated Program and successful completion of the previous program courses or consent of the instructor.

Accelerated Nursing Program 358 2 units (crs.)

Accel Pathophysiology II

II. The second of two courses focusing on the characteristics and manifestations of disease caused by alterations or injury to the structure or function of the body. A section on the physiology of pain and its significance as a symptom is also included. Common disease conditions are discussed and serve as a prototype in understanding the pathophysiology, which can occur in the body systems and includes neural dysfunction, abnormal cell growth or function, and impaired renal function. The discussion of endocrine and hormonal alterations and disorders of the cardiovascular and respiratory systems, introduced in Pathophysiology I, continues in this second course. Prerequisites: Acceptance into Accelerated Program and successful completion of the previous program courses or consent of the instructor.
5. Arkansas Tech University

NUR 3803: APPLIED PATHOPHYSIOLOGY: Each semester. Prerequisites: BIOL 2014 and BIOL 3074. This course focuses on the mechanisms and concepts of selected pathological disturbances in the human body. Emphasis is placed on how the specific pathological condition effects the functioning of the system involved, as well as its impact on all other body systems. Lecture 3 hours.

6. University of New England

Pathophysiology: Mechanisms of Diseases Online
This course is an introduction to pathophysiology designed especially to meet the needs of students preparing for careers in the health professions – for example, BS in Nursing, Dental Hygiene. This course focuses on the changes in cellular and systemic physiology that occur in prevalent or important medical conditions. At the cellular level we will cover the responses to tissue injury, abnormal cell growth and the immune system. From there we will investigate the physiological basis of problems associated with most of the major organ systems. In each case we will discuss the effect upon whole body homeostasis. This course will build on prior knowledge of anatomy and physiology as we explore body functions in altered health conditions. The primary teaching methods will be online lecture slides supplemented with multi-media resources including animations and video tutorials where applicable.

http://www.une.edu/com/online/pathophysiology/