

Erratum: 2018-19 Advanced Practice Core Course Titles & Descriptions

The following is a list of corrections to course descriptions in the 2018-19 SON Catalog/Student Handbook.

[NURS 515A, Advanced Physiology/Pathophysiology I](#)

[Course Description](#)

This course provides in-depth knowledge of physiologic concepts essential for advanced practice nursing. Physiologic processes related to the central and peripheral (including autonomic) nervous systems; cardiovascular, respiratory, renal, digestive, endocrine and reproductive systems; hematopoiesis, innate and adaptive immunity, microcirculation, neural control of skeletal, cardiac and smooth muscle, and acid-base balance are discussed at biochemical, cellular, organ, system, and organism levels. Exemplar pathologies will be utilized throughout the course to demonstrate disruption of normal physiology in disease. Emphasis is on integration of concepts as a basis for understanding interrelationships among complex physiologic and pathophysiologic processes, throughout the lifespan. This course prepares students for more detailed exploration of pathophysiology in future clinical management courses.

[Credit Hours](#)

Didactic: 3 quarter credits

[Prerequisites or Concurrent Enrollment Requirements:](#) None

[NURS 515B, Advanced Physiology/Pathophysiology II](#)

[Course Description](#)

This sequel to NURS 515 A continues to emphasize in-depth of physiologic concepts essential for advanced practice nursing. Physiologic processes related to the central and peripheral (including autonomic) nervous systems; cardiovascular, respiratory, renal, digestive, endocrine and reproductive systems; hematopoiesis, innate and adaptive immunity, microcirculation, neural control of skeletal, cardiac and smooth muscle, and acid-base balance are discussed at biochemical, cellular, organ, system, and organism levels. Exemplar pathologies will be utilized throughout the course to demonstrate disruption of normal physiology in disease. Emphasis is on integration of concepts as a basis for understanding interrelationships among complex

physiologic and pathophysiologic processes, throughout the lifespan. This course prepares students for more detailed exploration of pathophysiology in future clinical management courses.

Credit Hours

Didactic: 3 quarter credits

Prerequisites or Concurrent Enrollment Requirements: 515A