

UPMC SCHOOLS OF NURSING

Mercy Hospital School of Nursing Support Courses

As part of the overall curriculum plan, students also take support courses, which are taught by Carlow University approved faculty.

Support Courses

As part of the overall curriculum plan, students take the following support courses. These courses are transferable from an accredited college or university if the course was completed in the past 5 years, the total course credits match exactly, and the student's final grade was a C or better.

BIO 201 – Anatomy and Physiology I

In this course the students examine the anatomy and physiology of the support and control systems of the human body: skeletal, muscular, nervous, and endocrine. The relationship between structure and function and the concept of homeostasis are emphasized. Attention is given to clinical correlation and application of basic anatomical and physiological facts.

Theory hours: 45

Laboratory hours: 30

Credits: 4

BIO 202 – Anatomy and Physiology II

In this course the students examine systems concerned with maintenance: cardiovascular, respiratory, digestive, urinary, and reproductive. The relationship between structure and function and the concept of homeostasis are emphasized. Attention is given to clinical correlation and application of basic anatomical and physiological facts.

Theory hours: 45

Laboratory hours: 30

Credits: 4

PY 122 – Lifespan Development

An examination of the patterns of growth, change, and stability in behavior that occur across the human lifespan. Starting with conception, the course explores the biological, psychosocial, and cognitive theories that help us observe and explain human behavior from life's beginnings through the end of life.

Theory hours: 45

Credits: 3

CC 100 – College Writing and Research

This course is designed to teach the fundamentals of college writing and research. The student will write from eight to twelve expository documents (or revisions) using the traditional techniques of effective written communication. Some of the expository documents will involve college-level research. The following expository elements will be stressed: logical thought, careful analysis of ideas, concise expression of thesis, reasoned organization, coherent paragraph development, and the fundamental mechanics of English diction and style. In addition, the following research elements will be stressed: identifying research topics, identifying credible sources, gathering and recording information, integrating research into a cohesive argument, and using correct citation style. The student will be encouraged to use a word processing program to write, edit, and revise her essays as well as the access to the Internet as a source of information. In addition, the student will be introduced to the library and its resources through introductory sessions with the Library staff along with the series of class research tasks where she learns to locate helpful information.

Theory hours: 45

Credits: 3

BIO 227 – Microbiology

A course designed to provide nursing students with an introduction to the biology of micro-organisms, particularly the bacteria, fungi, protozoa, and viruses that are agents of human disease. Emphasis is on the biological bases for clinical activities in disinfecting and sanitation, infection control and prevention, and antimicrobial chemotherapies. Host defenses, the immune response, and immunotherapies are examined. Includes practical experience in bacteriological and immunological lab techniques.

Theory hours: 45

Laboratory hours: 30

Credits: 4

PH 210 – Biomedical Ethics

Study of the perplexing ethical problems of life science, biomedical research, and health care policy.

Theory hours: 45

Credits: 3