

Program and Course Offerings 2009-2010

Overview

The following section presents the academic and nursing courses for both the day and weekend/evening divisions. All course descriptions include semester hours for lecture, clinical / laboratory and NCLEX sessions. Curriculum plans for both the day and weekend/evening divisions follow and include semester hours of instruction for class, laboratory, clinical and NCLEX sessions. Students in both the day and weekend/evening division must follow the published curriculum plans.

Definition: Clock / Credit hours: Clock hours represent a 50 minute hour and credit hours are driven by a pre-determined ratio of theory hours to clinical / laboratory hours. For nursing courses credit hours are based on a ratio of 1 hour theory to 3 hours clinical / laboratory.

- *Credit distribution for nursing courses may or may not serve as direct credit transfer at other colleges and universities. Credit distribution for nursing courses at SH/BHSN is used for computation of quality point averages and financial aid.*

Non - Curricula Courses

Essentials of Mathematics

During Freshmen Orientation, a math course and reading comprehension test is required. Students who want to transfer to SH/BHSN a 3 credit college mathematics course for which they have received a C+ grade, must achieve an 85% or higher on the pre-math exam and must take a Fisher College math challenge examination and obtain a 90% on this exam.

Transition Course

All LPNs, transfer students, students who are repeating a nursing course or who have withdrawn from a nursing course, or who are enrolling in a nursing course and who did not take a nursing course the previous semester are required to take the Transition Course which is offered three times a year. Content includes, but not limited to, topics such as Roy's adaptation model, professional nursing, nursing process, physical assessment, fluid and electrolyte balance, intravenous infusion and intravenous medications. Students who are repeating NU 101 and NU 1101A & B are not required to take the Transition Course.

Study Skills Course

All students who have failed any nursing course at SH/BHSN are required to take the study skills course at SH/BHSN. This course at SH/BHSN is also open to students who want to become more proficient in study habits and test taking skills. This course is offered August, December and May.

Academic Courses: Fisher College

HE 101 Human Anatomy and Physiology I (4 Credits)

The focus of this course is to provide a strong foundation for students preparing for a career in nursing. It is an intensive course designed to stress correlations between the structures and functions of the various body systems. Each system discussed is treated from microscopic to macroscopic levels of organization. Topics include: organic molecules, the cell, cellular metabolism, tissues, skin, bones, muscles, the nervous system, special senses, and the endocrine system. Homeostatic imbalances that result in disease will be discussed. Laboratory work includes the microscopic examination of tissues, dissections of preserved organ specimens and the cat, and the investigation of various human physiological processes.

- 3 hours lecture / 2 hours lab weekly.
- Co-requisite: NU 101, NU 1101A. Minimum passing grade is a C (73).
- Students who do not achieve the minimum grade will not be allowed to advance to: HE 102, NU 102, NU 1101B.

HE 102 Human Anatomy and Physiology II (4 Credits)

The study of the human organism relating structure and function is intensified in this course. Topics include: blood, cardiovascular system, lymphatic system, respiratory system, digestive system, urinary system, water and electrolyte balance, and reproductive systems. Since this course is designed for nursing students, common health problems will be introduced to explore the underlying concepts of normal function as they apply to the basic processes of pathogenesis. Specimen dissection continues to be an integral part of the course.

- 3 hours lecture / 2 hours lab weekly.
- Prerequisite: HE 101. Minimum passing grade is a C (73).
- Students who do not achieve the minimum grade will not be allowed to advance to: HE 221, HE 213, NU 104, NU 2104.

HE 213 Microbiology (4 Credits)

This course is designed for nursing students and emphasis is placed on microorganisms that are pathogenic to humans and those which are of public health significance. Class lectures correlate the physiological and biochemical activities of microorganisms with the infectious disease cycle, physical and chemical methods of control, modes of action of antimicrobials, and nonspecific and specific defense mechanisms of the host. The student will survey causative agents, methods of transmission, mechanisms of pathogenicity, signs and symptoms, diagnoses, and treatments for common and newly emerging infectious diseases. The role of the healthcare professional in the transmission of infectious disease will be a major focus. Laboratory deals with the use of the microscope, aseptic techniques, antibiotic resistance, antibiotic susceptibility, and the physiological, nutritional, and environmental needs of microbes. In addition, medical journals are used to prepare presentations on current research topics in microbiology.

- 3 hours lecture / 2 hours lab weekly.
- Prerequisite: HE 102, HE 221, NU 104, NU 2104. Co-requisite: NU 201, NU 3201A. Minimum passing grade is a C (73).
- Students who do not achieve the minimum grade will not be allowed to advance to: NU 202, NU 4202A.

HE 221 Pharmacology (3 Credits)

This course will expand the student's knowledge of pharmacological concepts and their significance in the promotion, maintenance, and restoration of health. Emphasis is placed on pharmacokinetic, pharmacodynamic, and pharmacotherapeutic information about the specific drug classes used in providing patient care throughout the lifespan. Pharmacological nursing implications and interventions will be explored. Special areas of study include: the integration of teaching and learning principles into the nursing care plan, the roles of the members of the health care team in the safe delivery of medications, and the legal and ethical nursing considerations of drug therapy and drug administration.

- 3 hours lecture / 1 hour review weekly.
- Prerequisite: HE 102, NU 101 or NU 1101B. Minimum passing grade is C (73).
- Students who do not achieve the minimum grade will not be allowed to advance to: NU 201, NU 3201A, HE213.
- Course may be repeated one (1) time only. A second failure will result in dismissal from the SH/BHSN program.



MA 130 College Mathematics for Nursing Applications (3 Credits)

This course provides an understanding of basic college level mathematic concepts for students who do not intend to progress to college algebra or other conceptual courses in mathematics. The emphasis in this course is on developing practical skills using basic mathematics to solve practical problems in a nursing curriculum.

- 3 hours class weekly.
- Co-requisite: NU 101, NU 1101A. Minimum passing grade is C (73).
- Students who do not achieve the minimum grade will not be allowed to advance to: NU 102, NU 2102B.
- Course may be repeated one (1) time only. A second failure will result in dismissal from the SH/BHSN program.

PS 101 Introduction to Psychology (3 Credits)

An introduction to the scientific study of behavior. The introductory readings and lectures demonstrate how psychology has emerged as a distinct social science. The following areas are studied: the nervous system and its relationship to behavior, the sensory processes, learning, cognition, testing, and individual differences.

- 3 hours class weekly. Minimum passing grade is C (73).

PS 105 Human Development (3 Credits)

This course will introduce the student to the life-cycle study of human development from conception to death. It will include physical, emotional and cognitive development at each significant developmental stage. This life-cycle approach will emphasize the works of Elkind, Erikson, Piaget and Levenson.

- 3 hours class weekly.
- Minimum passing grade is C (73).

EN 101 English I (3 Credits)

This course is a skills-based introduction to critical reading, writing and critical thinking. Through interdisciplinary reading assignments, in-class work and a series of papers, students will develop an approach to analyzing and responding to ideas presented in class in writing and orally. In addition, students will develop their research techniques and their abilities to understand the mechanics of writing, including punctuation, grammar and spelling.

- 3 hours class weekly. Minimum passing grade is C (73).
- Students who do not achieve the minimum grade will not be allowed to advance to: EN 102.

EN 102 English II (3 Credits)

In this course students apply critical reading, writing and critical thinking skill to analyze and develop ideas in written and oral form. Through interdisciplinary reading assignments, a series of papers and an oral presentation, students will evaluate and formulate their own arguments in response to ideas presented in class. In addition, students will continue to develop their research techniques and their abilities to understand the mechanics of good writing.

- 3 hours class weekly.
- Pre-requisite: EN 101. Minimum passing grade is C (73).

PH 103 Ethics (3 credits)

This course examines major theorists and theories regarding ethical decisions. Students will explore how these theories apply to contemporary moral issues, both societal and individual, such as gene altering, abortion, capital punishment, euthanasia, sexual relations, cheating and business conduct. A library component will be included.

- 3 hours class weekly. Minimum passing grade is C (73).

CM 105 Public Speaking (3 credits)

An introductory course in communication and oral presentation skills. Students will explore the theory and process of human communication. Emphasis is placed on oral and written communication, organization of thinking and material, and techniques of public presentation. A library component will be included.

- 3 hours class weekly. Minimum passing grade is C (73).

BHSN Nursing Courses

Each nursing course has two components, class and clinical, each of which must be successfully completed to pass the course. All course objectives must be met in order to pass a course. Clinical components of nursing courses are evaluated on a pass / fail basis. **A passing grade for nursing courses and exams is 77% or C+.** **There will be no rounding of the final course grade in any nursing course. To pass a nursing course, a student must attain a 77% or higher. For example, a 76.6% would constitute a failing grade; 79.7% would constitute a 79% and/or 86.6% would constitute an 86%. Weighting of unit and final exams will remain the same.**

Day Division

NU 101 Conceptual Basis for Nursing Practice (6 credits)

Nursing 101 introduces contemporary nursing and nurses' roles in health care delivery systems. Concepts of human beings and health include the relatedness of physical, intellectual, emotional, sociocultural and spiritual aspects that compose the whole person. Nursing interventions assist students to promote, maintain and restore the maximum strengths of patients and families. The nursing process is taught as a systematic, problem-solving method that assists students to help patients adapt to both internal and external environmental demands. Students develop nursing skills in the practice laboratory. At Signature Healthcare / Brockton Hospital and community affiliations, students care for patients with basic, well-defined health care needs. Day, evening and weekend hours may be used for clinical / classroom teaching. Clinical placements may be two week days and / or evenings or Friday evenings or every Saturday or every other weekend on both Saturday and Sunday.

- Semester hours: 60 lecture, 120 clinical / laboratory.
- Co-requisite: HE 101, MA 130.

NU 102 Family Health (9 credits)

Nursing 102 focuses on the concept that the family is the basic unit in society and that children grow both individually and as part of a family. Concepts include developmental tasks of families during the parenting process and families experiencing common medical and surgical disorders. Nursing interventions assist students to promote, maintain and restore family health to ensure cycles of optimal childbearing and childrearing and overall health. Students expand the nursing process to support families as they adapt to life changes. At Signature Healthcare / Brockton Hospital and community affiliations, students care for healthy families as well as children and families experiencing acute and chronic illnesses. Day, evening and weekend hours may be used for clinical / classroom teaching. Clinical placements may be two week days and / or evenings or Friday evenings or every Saturday or every other weekend on both Saturday and Sunday.

- Semester hours: 60 lecture, 240 clinical / laboratory.
- Pre-requisite: NU 101, MA 130.

NU 104 Physical & Mental Health I (3 credits)

This course focuses on skills and techniques necessary to accurately collect data in order to promote, maintain or restore health. Concepts of a holistic perspective are integrated with active use of assessment skills. Nursing interventions assist students promote and maintain physiological and psychosocial integrity for their patients with an emphasis on coping and adaptation. Students use the nursing process as a critical thinking, problem solving approach to patient care. On Signature Healthcare / Brockton Hospital's medical and surgical units students care for patients whose efforts are towards managing common health alterations. Day, evening and weekend hours may be used for clinical / classroom teaching. Clinical placements may be two week days and / or evenings or Friday evenings or every Saturday or every other weekend on both Saturday and Sunday.

- Semester hours: 24 lecture, 96 clinical / laboratory, Self directed computerized NCLEX practice sessions with remediation.
- Prerequisite: NU 102, HE 102, PS 105.

NU 201 Physical & Mental Health II (9 credits)

Nursing 201 promotes the thought that the mind and body are inseparable and include physical, intellectual, emotional, sociocultural and environmental parts. Concepts of human caring and human relationships are related and contain clinical empathy. Nursing interventions assist students to promote, maintain and rehabilitate patients to ensure optimal levels of wellness. Students amplify the nursing process to respond to patients' cues as they interact within a dynamic environment. At Signature Healthcare / Brockton Hospital and community affiliations, students care for patients and families dealing with frequently occurring illnesses and those needing rehabilitative services. Day, evening and weekend hours may be used for clinical / classroom teaching. Clinical placements may be two week days and / or evenings or Friday evenings or every Saturday or every other weekend on both Saturday and Sunday.

- Semester hours: 60 lecture, 240 clinical / laboratory, Self directed computerized NCLEX practice sessions with remediation.
- Prerequisite NU 104, HE 221; Co-requisite: HE 213.

NU 202 Physical & Mental Health III (9 credits)

Nursing 202 integrates ideas of holistic nursing and challenges of caring for those patients who have complex emotional and physical needs. Concepts of crisis intervention include processes for patients to modify or learn new behaviors. Nursing interventions assist students to promote, maintain and restore the recovery and well-being of their patients. Students augment the nursing process to maximize the coping mechanisms of patients to conserve energy and promote adaptation. At Signature Healthcare / Brockton Hospital and Pembroke Hospital, students care for patients and families whose homeostasis is altered by the patient's entrance into the arena of complex health needs. Day, evening and weekend hours may be used for clinical / classroom teaching. Clinical placements may be two week days and / or evenings or Friday evenings or every Saturday or every other weekend on both Saturday and Sunday.

- Semester hours: 60 lecture, 240 clinical / laboratory, Self directed computerized NCLEX practice sessions with remediation.
- Prerequisite: NU 201, HE 213.

Weekend/Evening Division

NU 1101A and NU 1101B Conceptual Basis for Nursing Practice A and B (3 credits each course)

Two semesters of the day division NU 101 course. These courses introduce contemporary nursing and nurses' roles in health care delivery systems. Concepts of human beings and health include the relatedness of physical, intellectual, emotional, sociocultural and spiritual aspects that compose the whole person. Nursing interventions assist students to promote, maintain and restore the maximum strengths of patients and families. The nursing process is taught as a systematic, problem-solving method that assists students to help patients adapt to both internal and external environmental demands. Students develop nursing skills in the practice laboratory. At Signature Healthcare / Brockton Hospital and community affiliations, students care for patients with basic and well-defined health care needs. Day, evening and weekend hours may be used for clinical / classroom teaching. Clinical placements may be two week days and / or evenings or Friday evenings or every Saturday or every other weekend on both Saturday and Sunday.

- Semester hours: 30 lecture, 60 clinical / laboratory.
- NU 1101A: Co-requisite: HE 101.
- NU 1101B: Prerequisite: NU 1101A, MA 130.

NU 2102A and NU 2102B Family Health (4.5 credits each course)

Two semesters of the day division NU 102 course. These courses focus on the concept that the family is the basic unit in society and that children grow both individually and as part of a family. Concepts include developmental tasks of families during the parenting process and families experiencing common medical and surgical disorders. Nursing interventions assist students to promote, maintain and restore family health to ensure cycles of optimal childbearing and childrearing and overall health. Students expand the nursing process to support families as they adapt to life changes. At Signature Healthcare / Brockton Hospital and community affiliations, students care for healthy families as well as children and families experiencing acute and chronic illnesses. Day, evening and weekend hours may be used for clinical / classroom teaching. Clinical placements may be two week days and / or

evenings or Friday evenings or every Saturday or every other weekend on both Saturday and Sunday.

- Semester hours: 30 lecture, 120 clinical / laboratory.
- NU 2101A: Pre-requisite: NU 1101B, HE 102.
- NU 2102B: Prerequisite: NU 2102A.

NU 2104 Physical & Mental Health I (3 credits)

This course focuses on skills and techniques necessary to accurately collect data in order to promote, maintain or restore health. Concepts of a holistic perspective are integrated with active use of assessment skills. Nursing interventions assist students to promote and maintain physiological and psychosocial integrity for their patients with an emphasis on coping and adaptation. Students use the nursing process as a critical thinking, problem solving approach to patient care. On Signature Healthcare / Brockton Hospital's medical and surgical units students care for patients and families whose efforts are towards managing common health alterations. Day and evening hours may be used for clinical / classroom teaching. Day, evening and weekend hours may be used for clinical / classroom teaching. Clinical placements may be two week days and / or evenings or Friday evenings or every Saturday or every other weekend on both Saturday and Sunday.

- Semester hours: 24 lecture, 96 clinical / laboratory, Self directed computerized NCLEX practice sessions with remediation.
- Pre-requisite: NU 2102B, HE 102, PS 105; Co-requisite HE221.

NU 3201A and NU 3201B Physical & Mental Health II (4.5 credits each course)

Two semesters of the day division NU 201 course. These courses promote the thought that the mind and body are inseparable and include physical, intellectual, emotional, sociocultural and environmental parts. Concepts of human caring and human relationships are related and contain clinical empathy. Nursing interventions assist students to promote, maintain and rehabilitate patients to ensure optimal levels of wellness. Students amplify the nursing process to respond to patients' cues as they interact within a dynamic environment. At Signature Healthcare / Brockton Hospital and community affiliations, students care for patients and families dealing with frequently occurring illnesses and those needing rehabilitative services. Day, evening and weekend hours may be used for clinical / classroom teaching. Clinical placements may be two week days and / or evenings or Friday evenings or every Saturday or every other weekend on both Saturday and Sunday.

- Semester hours: 30 lecture, 120 clinical / laboratory, Self directed computerized NCLEX practice sessions with remediation.
- NU 3201A: Prerequisite: NU 2104, HE 221.
- NU 3201B: Prerequisite: NU 3201A.

NU 4202A and NU4202B Physical & Mental Health III (4.5 credits each course)

Two semesters of the day division NU 202 course. These courses integrate ideas of holistic nursing and challenges of caring for those patients who have complex emotional and physical needs. Concepts of crisis intervention include processes for patients to modify or learn new behaviors. Nursing interventions assist students to promote, maintain and restore the recovery and well-being of their patients. Students augment the nursing process to maximize the coping mechanisms of patients to conserve energy and promote adaptation. At Signature Healthcare / Brockton Hospital and Pembroke Hospital students care for patients and families whose homeostasis is altered by the patient's entrance into the arena of complex health needs. Day, evening and weekend hours may be used for clinical / classroom teaching. Clinical placements may be two week days and / or evenings or Friday evenings or every Saturday or every other weekend on both Saturday and Sunday.

- Semester hours: 30 lecture, 120 clinical / laboratory, Self directed computerized NCLEX practice sessions with remediation.
- NU 4202A: Prerequisite: NU 3201B, HE 213.
- NU 4202B: Prerequisite: NU4202A.

DAY DIVISION CURRICULUM PLAN

Semester Hours of Instruction

First Year

Semester One	Total	Lec. Hrs.	Sci. Lab	NCLEX	Clin. Lab
*Human Anatomy & Physiology I	75	45	30		
*Introduction to Psychology	45	45			
*College Mathematics with Nursing Applications	45	45			
Conceptual Basis for Nursing Practice	180	60			120
 Semester Two					
*Human Anatomy & Physiology II	75	45	30		
*Human Development	45	45			
*English I	45	45			
Family Health	300	60			240
 Summer Session					
*Introduction to Pharmacology	45	45			
Physical & Mental Health I	126	24		6	96
 Hours Total Year	 981	 459	 60	 6	 456

Second Year

Semester Three

*Introduction to Microbiology	75	45	30		
*English II	45	45			
Physical & Mental Health II	330	60		30	240

Semester Four

*Public Speaking	45	45			
*Ethics	45	45			
Physical & Mental Health III	330	60		30	240

Hours Total Year	870	300	30	60	480
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Hours Total 2 Years	1851	759	90	66	936
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*Fisher College Courses

Fall and spring semesters are 16 weeks and the summer session is 8 weeks.

WEEKEND/EVENING DIVISION CURRICULUM PLAN

Semester Hours of Instruction

First Year

Semester One	Total	Lec. Hrs.	Sci. Lab	NCLEX	Clin. Lab
*Human Anatomy & Physiology I	75	45	30		
*College Mathematics with Nursing Applications	45	45			
Conceptual Basis for Nursing Practice, A	90	30			60
Semester Two					
*Human Anatomy & Physiology II	75	45	30		
*English I	45	45			
Conceptual Basis for Nursing Practice, B	90	30			60
Summer Session I					
*Introduction to Pharmacology	45	45			
Hours Total Year	465	285	60		120

Second Year

Semester Three					
*Introduction to Psychology	45	45			
Family Health A	150	30			120
Semester Four					
*Human Development	45	45			
Family Health B	150	30			120
Summer Session II					
Physical & Mental Health I	126	24		6	96
Hours Total Year	516	174		6	336

Third Year

Semester Five					
*Introduction to Microbiology	75	45	30		
Physical & Mental Health IIA	165	30		15	120
Semester Six					
*English II	45	45			
Physical & Mental Health IIB	165	30		15	120
Hours Total Year	450	150	30	30	240

Fourth Year

Semester Seven					
*Ethics	45	45			
Physical & Mental Health IIIA	165	30		15	120
Semester Eight					
*Public Speaking	45	45			
Physical & Mental Health IIIB	165	30		15	120
Hours Total Year	420	150		30	240
Hours Total 4 Years	1851	759	90	66	936

*Fisher College Courses

Fall and spring semesters are 16 weeks and the summer session is 8 weeks.