

## **Nursing (A.A.S. and B.S.)**

The Nursing Program has as its mission the formation of nurses able to offer competent, sensible, effective, safe, and quality nursing care to the client person, family and community. The Program aims to produce graduates prepared to:

1. Provide care with autonomy and with interdisciplinary collaboration and sensitivity to ethical-legal and cultural values and directed to the achievement of the best results for the client.
2. Coordinate care by applying leadership and management skills that lead to the highest quality care with the minimum of cost.
3. Assume a commitment as a member of the discipline in harmony with the standards of the practice.

### **Competencies Profile of Graduates**

This Associate of Applied Science degree in Nursing is designed to develop the competencies that will enable students to:

#### **Knowledge**

1. Demonstrate scientific and humanistic knowledge of the nursing discipline by analyzing biopsychosocial and spiritual aspects in the different stages of growth and development.
2. Know the nursing process as an instrument to make clinical decisions by offering safe and quality care.

#### **Skills**

1. Demonstrate up-to-date clinical skills in therapeutic interventions when providing client care throughout the health-disease continuum in structured settings.
2. Demonstrate effective care management, coordination and collaboration skills as a member of the interdisciplinary team.
3. Use communication skills, critical thinking, and the use of technology to maintain the quality of care provided to the client.

#### **Attitudes**

1. Demonstrate responsibility and ethical-legal commitment to humanistic care in response to the changing needs of society.
2. Demonstrate responsibility and commitment to one's own development and that of the profession.

The Bachelors of Science in Nursing is designed to develop the competencies that will permit students to:

#### **Knowledge**

1. Demonstrate integrated knowledge and skills in providing safe and effective nursing care to individuals, families, and communities.
2. Know the use of nursing interventions to prevent disease, promote, protect, maintain and restore health.
3. Know critical thinking skills to make clinical judgments and use research findings for continuous improvement of nursing practice

#### **Skills**

1. Use estimation skills and therapeutic interventions when providing nursing care in diverse settings so that they can improve the expected results of health care.
2. Apply skills in communication, collaboration, critical thinking, and the use of technology as a provider, care coordinator, and as a future member of the profession.
3. Act as leaders and managers of the care they seek to provide.

#### **Attitudes**

1. Apply humanistic care in nursing practice to promote the protection, optimization and preservation of human dignity.

### **Graduation Requirements**

For the Associate of Applied Science degree in Nursing:

1. Complete 50% of the major credits in the campus from which they expect to receive the degree.
2. All students who are candidates for graduation in the Associate Nursing program must graduate with a minimum grade point average of 2.50.
3. Students, upon completing the requirements of the first two years of study, have the option to request certification of the Associate Degree in Nursing in order to apply for the board examination (e.g. NCLEX.).

For the Bachelor of Science degree in Nursing:

1. Students are required to complete 50% of the major credits at the through the Orlando location from which they expect to receive the degree.
2. Students must take NURS 4980 at the Orlando location where they expect to graduate, except in special situations with the previous authorization of the Director of the Program.
3. All students who are candidates for graduation in the Bachelor's in Nursing Program must graduate with a minimum grade point average of 2.50.
4. Students, upon completing the requirements of the first two years of study, have the option to request certification of the Associate Degree in Nursing in order to apply for the Board Examination (e.g. NCLEX.).

### **Admission Requirements of the Nursing Program**

Students from the educational system of the United States of America including Puerto Rico must:

1. Comply with the admissions requirements established in the General Catalog.
2. Have a minimum grade point index of 2.50 from their high school or place of origin.
3. Students for whom English is not their native language must present a score of 78 or higher in the TOEFL IBT Exam. The exam must have been taken within 5 years. This also applies to readmitted students to the program.

### **Academic Progress Requirements of the Nursing Program**

1. Comply with all Satisfactory Progress Norms established in the General Catalog.
2. Pass all courses in Nursing and the course GEMA 1000 (Quantitative Reasoning) or GEMA 1200 (Fundamentals of Algebra) with a minimum grade of C.
3. Students who do not pass a major course with a minimum grade of C in their third intent will be dropped from the Program.

### **Requirements of Clinical Practice**

For clinicals the following are required:

1. A satisfactory criminal background check.
2. Complete an interview with the nursing program director or representative.
3. Evidence of satisfactory completion of all health screenings (e.g., immunizations, drug screening, and nose and throat culture)
4. Compliance with clinical site regulations (e.g., clothing and updated certificate of CPR).

### **Transfer Requirements:**

1. Comply with the admissions requirements for transfer students established in the General Catalog.
2. Receive authorization of the nursing program director.

3. Students for whom English is not their native language must present a score of 78 or higher in the TOEFL IBT Exam. The exam must have been taken within 5 years.

This program is authorized to be offered online. Clinicals are completed onsite.

#### TOTAL COST OF PROGRAM FOR ASSOCIATE OF APPLIED SCIENCE IN NURSING

Tuition	\$19,500
Fees	\$2,000
Books	\$2,500
Supplies	<u>\$2,200</u>
Total	\$26,200

#### REQUIREMENTS FOR THE ASSOCIATE OF APPLIED SCIENCE IN NURSING

General Education Requirements	24 credits
Major Requirements	<u>41</u> credits

65

#### General Education Requirements - 24 credits

GESP	Spanish	6
GEEN	English	6
GECF 1010	Introduction to the Christian Faith	3
GEIC 1010	Information and Computing Technologies	3
GEMA 1000	Quantitative Reasoning	3
or		
GEMA 1200	Fundamentals of Algebra	
GEHS 2010	Historical Process of Florida	3
or		
GEEC 2000	Entrepreneurial Culture	

#### Major Requirements - 41 credits

NURS 1111	Fundamentals of Nursing	3
NURS 1112	Practice of Fundamentals of Nursing	2
NURS 1130	Pharmacology Aspects	4
NURS 1231	Fundamentals of Adult Care I	3
NURS 1232	Practice of Adult Care I	2
NURS 2141	Fundamentals of Maternal-Neonatal Care	3
NURS 2142	Practice of Maternal-Neonatal Care	2
NURS 2233	Fundamentals of Adult Care II	3
NURS 2234	Practice of Adult Care II	2
NURS 2351	Fundamentals of Pediatric Care	3
NURS 2352	Practice of Pediatric Care	2
NURS 2361	Fundamentals of Psychosocial Care	3
NURS 2362	Practice of Psychosocial Care	2
BIOL 1105	Basic Concepts of Microbiology	3
BIOL 1106	Principles of Human Anatomy and Physiology	6

## TOTAL COST OF PROGRAM FOR BACHELOR OF SCIENCE IN NURSING

Tuition	\$36,000
Fees	\$3,920
Books	\$4,300
Supplies	<u>\$4,500</u>
Total	\$48,920

## REQUIREMENTS FOR THE BACHELOR OF SCIENCE IN NURSING

General Education Requirements	45 credits
Major Requirements	72 credits
Elective Courses	<u>3 credits</u>
	120

### Major Requirements - 72 credits

NURS 1111	Fundamentals of Nursing	3
NURS 1112	Practice of Fundamentals of Nursing	2
NURS 1130	Pharmacology Aspects	4
NURS 1231	Fundamentals of Adult Care I	3
NURS 1232	Practice of Adult Care I	2
NURS 2141	Fundamentals of Maternal-Neonatal Care	3
NURS 2142	Practice of Maternal-Neonatal Care	2
NURS 2233	Fundamentals of Adult Care II	3
NURS 2234	Practice of Adult Care II	2
NURS 2351	Fundamentals of Pediatric Care	3
NURS 2352	Practice of Pediatric Care	2
NURS 2361	Fundamentals of Psychosocial Care	3
NURS 3115	Introduction to the Nursing Research Process	3
NURS 3116	Leadership and Management in Nursing Research	3
NURS 3120	Health Assessment	3
NURS 3121	Health Estimation Practice	2
NURS 3140	Intervention in Psychosocial Transition	3
NURS 3190	Professional Intervention during the Life Cycle	3
NURS 3911	Practice in Professional Interventions During the Life Cycle	2
NURS 4180	Nursing Care for the Family and Community	3
NURS 4914	Practice in Nursing Care to the Family and Community	2
NURS 4980	Integration Workshop	2
NURS 4981	Practice in Integrated Workshop	2
BIOL 1105	Basic Concepts of Microbiology	3
BIOL 1106	Principles of Human Anatomy and Physiology	4
BIIN 3220	Biochemistry	3

### General Education Requirements - 45 credits

Forty-eight (48) credits are required as explained in the section "General Education Requirements for Bachelors' Degrees." Students in this Program will take GEMA 1000 or GEMA 1200 in the Basic Mathematical Skills category. Students in the Bachelor of Science in Nursing are exempt from taking GEHP 3000 – Well-being and Quality of Life.

### Elective Requirements - 3 credits

An elective course is (i) any course a student takes in any General Education, Major or Prescribed Distributive Course within the student's degree program, in addition to the courses that the student has taken to satisfy the minimum degree

program requirements in each category and/or (ii) any course in another degree program. Provided that the student must meet course prerequisites and cannot count the same course twice.

## **Core Course Descriptions, Faculty and Learning Resources (Nursing)**

### **NURS 1111 FUNDAMENTALS OF NURSING**

Introduction to the nursing profession and its historical evolution. Emphasis on the principles of the conceptual framework and the concepts of the program. It includes the ethical, legal aspects and standards of practice in the execution of their role. Discussion of the nursing process as a tool for adult care with common interferences in functional health patterns that support physical functioning. Integration of the basic principles and concepts of growth and development, psychophysiological aspects, considering diversity, equity and inclusion within a safe environment. Co-requisites NURS. 1112, 1130.

3 credits

PACHECO, NURYS M. Assistant Professor of Nursing. B.S. Nursing, Universal Educational Institute, San Juan, Puerto Rico; M.A. in Education in Administration and Supervision, Metropolitan University (Ana G Mendez); M.S. in Nursing in Gerontology, Caribbean University of Puerto Rico; Ed.D. in Instructional Technology and Distance Education, Nova Southeastern University.

Berman, A., Snyder, S., & Frandsen, G. (2015). *Nursing Fundamentals*. Kozier & Erb. (10<sup>th</sup> ed.). Madrid: Pearson Education.

Herdman, T. H. (2021). *Nursing Diagnoses: Definitions & Classification 2021-23* (12th ed.). Philadelphia, PA: NANDA International.

### **NURS 1112 PRACTICE OF FUNDAMENTALS OF NURSING**

Application of the nursing process and evidence-based practice in the care of adults with common dysfunctions in functional health patterns. The development of safe and effective clinical skills begins through the use of informatics to enhance competencies in both patient care and person-centered inter-professional work. Requires a total of 90 hours of supervised practice in various scenarios is required. Corequisite: NURS 1111.

2 credits

PACHECO, NURYS M. Assistant Professor of Nursing. B.S. Nursing, Universal Educational Institute, San Juan, Puerto Rico; M.A. in Education in Administration and Supervision, Metropolitan University (Ana G Mendez); M.S. in Nursing in Gerontology, Caribbean University of Puerto Rico; Ed.D. in Instructional Technology and Distance Education, Nova Southeastern University.

Berman, A., Snyder, S., & Frandsen, G. (2015). *Nursing Fundamentals*. Kozier & Erb. (10<sup>th</sup> ed.). Madrid: Pearson Education.

Herdman, T. H. (2021). *Nursing Diagnoses: Definitions & Classification 2021-23* (12th ed.). Philadelphia, PA: NANDA International.

### **NURS 1130 PHARMACOLOGICAL ASPECTS**

Discussion of basic pharmacological aspects of person-centered nursing care. Integration of relevant scientific knowledge, evidence-based practice and ethical-legal aspects. Use of dosage principles and skills, along with the integration of informatics in providing care. Application of the nursing process in the safe and effective administration

of medications. Requires a total of 45 hours of lecture and 30 hours of face-to-face or virtual closed laboratory. Corequisite: NURS 1111.

4 credits

GONZALEZ, MARIA. Part-Time Professor of Nursing. B.S. in Nursing, Universal Educational Institute of Puerto Rico; M.S. in Nursing with Specialty in Gerontology, Caribbean University; Med in Administration and Supervision, Metropolitan University (Ana G Mendez).

Booth, K. A. & Whaley, J. E. (2016). *Math and Dosage Calculation for Health Care Professionals*. (5th ed.). New York: McGraw-Hill.

### **NURS 1231 FUNDAMENTALS OF ADULT CARE I**

Discussion of acute and chronic dysfunctions related to the functional health patterns of adults: perception-management, nutritional-metabolic and elimination. Integration of communication skills, care management, evidence-based practice and the nursing process. Utilization of ethical-legal aspects, diversity, equity and inclusion in person-centered care. Prerequisites: NURS 1111. Corequisite: NURS 1232.

3 credits

PACHECO, NURYS M. Assistant Professor of Nursing. B.S. Nursing, Universal Educational Institute, San Juan, Puerto Rico; M.A. in Education in Administration and Supervision, Metropolitan University (Ana G Mendez); M.S. in Nursing in Gerontology, Caribbean University of Puerto Rico; Ed.D. in Instructional Technology and Distance Education, Nova Southeastern University.

Hinkle, J. L., Cheeavaer, K. H. (2018). *Brunner & Suddarth's Textbook of Medical-Surgical Nursing* (14th ed.). Philadelphia: Wolters Kluwer.

### **NURS 1232 PRACTICE OF ADULT CARE I**

Application of the nursing process in the safe and effective care of adults with acute and chronic health dysfunctions. Integration of communication skills, care management and evidence-based practice. Utilization of ethical- legal aspects, diversity, equity and inclusion in person-centered care and interprofessional collaboration. Emphasis on managing dysfunctions in functional health patterns: health perception-management, nutritional-metabolic and elimination. Requires a total of 90 hours of supervised practice in various scenarios. Prerequisites: NURS 1111. Corequisite: NURS 1231.

2 credits

PACHECO, NURYS M. Assistant Professor of Nursing. B.S. Nursing, Universal Educational Institute, San Juan, Puerto Rico; M.A. in Education in Administration and Supervision, Metropolitan University (Ana G Mendez); M.S. in Nursing in Gerontology, Caribbean University of Puerto Rico; Ed.D. in Instructional Technology and Distance Education, Nova Southeastern University.

Hinkle, J. L., Cheeavaer, K. H. (2018). *Brunner & Suddarth's Textbook of Medical-Surgical Nursing* (14th ed.). Philadelphia: Wolters Kluwer.

### **NURS 2141 FUNDAMENTALS OF MATERNAL-NEONATAL CARE**

Description of the relevant aspects of women's health in the reproductive stage and maternal-neonatal nursing care. Discussion of the anatomical, physiological, psychological, and pathological changes that affect the overall functioning of the client before, during, and after pregnancy, including the normal newborn during the neonatal stage. Integration of the nursing process in the study of the changes related to pregnancy and health alterations. Prerequisite: NURS 1231. Co-requisites: NURS 2142, 2233.

3 credits

GONZALEZ, MARIA. Part-Time Professor of Nursing. B.S. in Nursing, Universal Educational Institute of Puerto Rico; M.S. in Nursing with Specialty in Gerontology, Caribbean University; Med in Administration and Supervision, Metropolitan University (Ana G Mendez).

London, M. L., Ladewig, P., et. al. (2016). *Maternal & Child Nursing Care* (5th ed.). New Jersey: Pearson Education, Inc.

Marieb E.N., Brady, P.M., Mallatt, J.B. (2019). *Human Anatomy*. (9th ed.). New Jersey: Pearson Education, Inc.

### **NURS 2142 PRACTICE IN MATERNAL-NEONATAL CARE**

Application of the nursing process and evidence-based practice to provide safe and effective care to women during the reproductive stage, pregnancy, labor, postpartum and breastfeeding. Use of ethical-legal aspects, diversity, equity and inclusion in person-centered care and interprofessional collaboration. Including the normal newborn care during the neonatal stage. Requires a total of 90 hours of supervised practice in various scenarios. Prerequisites: NURS 1231, 1232. Co-requisites: NURS 2141, 2233, 2234.

2 credits

GONZALEZ, MARIA. Part-Time Professor of Nursing. B.S. in Nursing, Universal Educational Institute of Puerto Rico; M.S. in Nursing with Specialty in Gerontology, Caribbean University; Med in Administration and Supervision, Metropolitan University (Ana G Mendez).

London, M. L., Ladewig, P., et. al. (2016). *Maternal & Child Nursing Care* (5th ed.). New Jersey: Pearson Education, Inc.

Marieb E.N., Brady, P.M., Mallatt, J.B. (2019). *Human Anatomy*. (9th ed.). New Jersey :Pearson Education, Inc.

### **NURS 2233 FUNDAMENTALS OF ADULT CARE II**

Discussion of acute and chronic health dysfunctions related to the functional health patterns of adults: activity-exercise, cognitive-perceptual and sexuality-reproduction. Integration of communication skills, care management, evidence-based practice and the nursing process. Utilization of ethical-legal aspects, diversity, equity and inclusion in person-centered care. Prerequisite: NURS 1231. Co-requisites: NURS 2141, 2142.

3 credits

PACHECO, NURYS M. Assistant Professor of Nursing. B.S. Nursing, Universal Educational Institute, San Juan, Puerto Rico; M.A. in Education in Administration and Supervision, Metropolitan University (Ana G Mendez); M.S. in Nursing in Gerontology, Caribbean University of Puerto Rico; Ed.D. in Instructional Technology and Distance Education, Nova Southeastern University.

Hinkle, J. L., Cheeavaer, K. H. (2018). *Brunner & Suddarth's Textbook of Medical-Surgical Nursing* (14th ed.). Philadelphia: Wolters Kluwer.

Patton, K.T. (2018). *Anatomy & Physiology*. (10<sup>th</sup> ed.). Mosby.

Patton, K.T. (2018). *Anatomy & Physiology, Laboratory and ELabs*. (10<sup>th</sup> ed.). Mosby.

### **NURS 2234 PRACTICE OF ADULT CARE II**

Application of the nursing process in the safe and effective care of adults with acute and chronic health dysfunctions, integrating communication skills, care management and evidence-based practice. Use of ethical-legal aspects, diversity, equity and inclusion in person-centered care and inter-professional collaboration. Emphasis on the management of dysfunctions related to functional health patterns: activity-exercise, cognitive-perceptual and sexuality-reproduction. Requires a total of 90 hours of supervised practice in various scenarios. Prerequisites: NURS 1231, 1232. Co-requisites: NURS 2142, 2233.

2 credits

PACHECO, NURYS M. Assistant Professor of Nursing. B.S. Nursing, Universal Educational Institute, San Juan, Puerto Rico; M.A. in Education in Administration and Supervision, Metropolitan University (Ana G Mendez); M.S. in Nursing in Gerontology, Caribbean University of Puerto Rico; Ed.D. in Instructional Technology and Distance Education, Nova Southeastern University.

Hinkle, J. L., Cheeavaer, K. H. (2018). *Brunner & Suddarth's Textbook of Medical-Surgical Nursing* (14th ed.). Philadelphia: Wolters Kluwer.

Patton, K.T. (2018). *Anatomy & Physiology*. (10<sup>th</sup> ed.). Mosby.

Patton, K.T. (2018). *Anatomy & Physiology, Laboratory and ELabs*. (10<sup>th</sup> ed.). Mosby.

### **NURS 2351 FUNDAMENTALS OF PEDIATRIC CARE**

Discussion of the essential aspects of childcare from the stages of growth and development of the newborn to adolescence. Study of alterations in functional health patterns using evidence-based practice and the nursing process. Use of scientific and humanistic concepts, considering diversity, equity and inclusion in pediatric care. Prerequisites: NURS 2233. Co-requisites: NURS 2352.

3 credits

GONZALEZ, MARIA. Part-Time Professor of Nursing. B.S. in Nursing, Universal Educational Institute of Puerto Rico; M.S. in Nursing with Specialty in Gerontology, Caribbean University; Med in Administration and Supervision, Metropolitan University (Ana G Mendez).

Huckleberry, M.J., Rodgers, C.C., & Wilson, D. (2017). *Wong's Essentials of Pediatric Nursing*. (10th ed.) St. Louis: Mosby.

### **NURS 2352 PRACTICE FUNDAMENTALS OF PEDIATRIC CARE**

Application of the nursing process in childcare from the stages of growth and development of the newborn to adolescence. Integration of communication skills, care management, and evidence-based practice. Emphasis on health promotion, prevention and recovery from disease. Utilization of ethical-legal aspects, diversity, equity and inclusion in care, inter-professional collaboration and management of alterations affecting functional health patterns in pediatric care. Requires a total of 90 hours of supervised practice in various scenarios. Prerequisite: NURS 2234. Co-requisites: NURS 2351.

2 credits

GONZALEZ, MARIA. Part-Time Professor of Nursing. B.S. in Nursing, Universal Educational Institute of Puerto Rico; M.S. in Nursing with Specialty in Gerontology, Caribbean University; Med in Administration and Supervision, Metropolitan University (Ana G Mendez).

Huckleberry, M.J., Rodgers, C.C., & Wilson, D. (2017). *Wong's Essentials of Pediatric Nursing*. (10th ed.) St. Louis: Mosby.

### **NURS 2361 FUNDAMENTALS OF PSYCHOSOCIAL CARE**

Discussion of theoretical models, principles and concepts of psychosocial nursing. Description of adult psychosocial alterations using the nursing process as a framework of reference. Includes ethical-legal concepts, diversity, equity and inclusion, evidence-based practice, communication and security. Prerequisites: NURS 2233 Co-requisites: NURS 2362.

3 credits

DIAZ PATO, MARIA DEL C. Part-Time Professor of Nursing. B.S. in Nursing, University of Puerto Rico Medical Sciences Campus; M.A. in Business Administration in Health Organization Management and Human Resources Management, Columbia Central University of Puerto Rico; M.S. in Nursing in Adults and The Elderly, Columbia Central University of Puerto Rico; Ed.D in Research, Universidad Internacional Iberoamericana.

Morgan, K.I. & Towsand, Mary C. (2019). *Essentials of Psychiatric Mental Health Nursing* (8th ed.) Philadelphia: F.A. Davis Company.

Kelter, N.L. & Steele, D. (2018). *Psychiatric Nursing*. (8<sup>th</sup> ed.). Mosby.

### **NURS 2362 PRACTICE OF PSYCHOSOCIAL CARE**



Application of the nursing process, therapeutic communication skills, theoretical models, principles and concepts in the management of common acute and chronic mental health problems in adults. Use of ethical-legal aspects, diversity, equity and inclusion, evidence-based practice, safety and interprofessional collaboration centered in the person. Requires a total of 90 hours of supervised practice in various scenarios. Prerequisites: NURS 2142, 2234. Co-requisites: NURS 2361.

2 credits

DIAZ PATO, MARIA DEL C. Part-Time Professor of Nursing. B.S. in Nursing, University of Puerto Rico Medical Sciences Campus; M.A. in Business Administration in Health Organization Management and Human Resources Management, Columbia Central University of Puerto Rico; M.S. in Nursing in Adults and The Elderly, Columbia Central University of Puerto Rico; Ed.D in Research, Universidad Internacional Iberoamericana.

Morgan, K.I. & Towsand, Mary C. (2019). *Essentials of Psychiatric Mental Health Nursing* (8th ed.) Philadelphia: F.A. Davis Company.

Kelter, N.L. & Steele, D. (2018). *Psychiatric Nursing*. (8<sup>th</sup> ed.). Mottsbay.

### **NURS 3115 INTRODUCTION TO THE NURSING RESEARCH PROCESS**

Discussion of the research process and ethical-legal considerations. Analysis of research for the development of best practices and problem solving in the nursing profession.

3 credits

MARRERO SERRANO, ROSA L. Assistant Professor of Nursing. A.A.S. in Nursing, Universal Educational Institute of Puerto Rico; B.S. in Nursing, John Dewey College, San Juan, PR; M.S. in Nursing with Specialty in Gerontology, Caribbean University; Ph.D. in Health Sciences, Atlantic International University; Ph.D. in Clinical Physiology, Atlantic International University.

Polit, D., & Tatano, C. (2021). *Essentials of Nursing Research*. (10<sup>th</sup> ed.). Lippincott Williams & Williams.

### **NURS 3116 LEADERSHIP AND MANAGEMENT IN NURSING**

Analysis of concepts related to managerial communication between administrators, supervisors and collaborators. Integration of management, leadership, safety and principles of informatics to improve the quality of care. Emphasis on the role of the nursing administrator in service planning.

3 credits

MARRERO SERRANO, ROSA L. Assistant Professor of Nursing. A.A.S. in Nursing, Universal Educational Institute of Puerto Rico; B.S. in Nursing, John Dewey College, San Juan, PR; M.S. in Nursing with Specialty in Gerontology, Caribbean University; Ph.D. in Health Sciences, Atlantic International University; Ph.D. in Clinical Physiology, Atlantic International University.

Finkelman, A. (2020). *Leadership and Management for Nurses: Core Competencies for Quality Care*. (4th ed.). Pearson.

### **NURS 3120 HEALTH ASSESSMENT**

Discussion of knowledge and skills related to comprehensive health assessment and integration of physiological and nursing concepts. Emphasis on diversity, equity and inclusion in variations across the life cycle and health status of the person. Concurrent: NURS 3121

3 credits

DIAZ PATO, MARIA DEL C. Part-Time Professor of Nursing. B.S. in Nursing, University of Puerto Rico Medical Sciences Campus; M.A. in Business Administration in Health Organization Management and Human Resources Management, Columbia Central University of Puerto Rico; M.S. in Nursing in Adults and The Elderly, Columbia Central University of Puerto Rico; Ed.D in Research, Universidad Internacional Iberoamericana.

Ball, J. W., Dains, J. E., Flynn, J. A., Solomon, B. S., & Stewart, R. W. (2019). *Seidel Guide to Physical Examination: An Interprofessional Approach*. (9<sup>th</sup> ed.). Barcelona: Elsevier.

Weber, J.R., & Kalley, J.H. (2017). *Health Assessment in Nursing*. (6<sup>th</sup> ed.). Lippincott Williams & Williams.

### **NURS 3121 HEALTH ESTIMATION PRACTICE**

Application of collaboration and safety skills in performing a comprehensive, effective and quality health assessment. Including diversity, equity and inclusion throughout the life cycle. Emphasis on data collection and organization through physical examination and diagnostic reasoning. Requires 60 hours of supervised closed in-person laboratory.  
2 credits

MARRERO SERRANO, ROSA L. Assistant Professor of Nursing. A.A.S. in Nursing, Universal Educational Institute of Puerto Rico; B.S. in Nursing, John Dewey College, San Juan, PR; M.S. in Nursing with Specialty in Gerontology, Caribbean University; Ph.D. in Health Sciences, Atlantic International University; PhD. in Clinical Physiology, Atlantic International University.

Ball, J. W., Dains, J. E., Flynn, J. A., Solomon, B. S., & Stewart, R. W. (2019). *Seidel Guide to Physical Examination: An Interprofessional Approach*. (9<sup>th</sup> ed.). Barcelona: Elsevier.

Weber, J.R., & Kalley, J.H. (2017). *Health Assessment in Nursing*. (6<sup>th</sup> ed.). Lippincott Williams & Williams.

### **NURS 3140 INTERVENTION IN PSYCHOSOCIAL TRANSITIONS**

Analysis of transitions, theories and trends affecting individuals, families, vulnerable populations or those with alterations in functional health patterns and communities that influence psychosocial nursing. Integration of the principles of communication, ethical-legal aspects, moral, spiritual, diversity, equity and inclusion, evidence-based practice, safety and person-centered inter-professional collaboration.

3 credits

MARRERO SERRANO, ROSA L. Assistant Professor of Nursing. A.A.S. in Nursing, Universal Educational Institute of Puerto Rico; B.S. in Nursing, John Dewey College, San Juan, PR; M.S. in Nursing with Specialty in Gerontology, Caribbean University; Ph.D. in Health Sciences, Atlantic International University; PhD. in Clinical Physiology, Atlantic International University.

Stuart, G.W. (2012). *Principles and Practice of Psychiatric Nursing* (10<sup>th</sup> ed.). St Louis, Missouri: Elsevier.

Kelter, N.L. & Steele, D. (2018). *Psychiatric Nursing*. (8<sup>th</sup> ed.). Mosby.

### **NURS 3190 PROFESSIONAL INTERVENTION DURING THE LIFE CYCLE**

Analysis of the social determinants for the prevention, promotion and maintenance of the health of populations throughout the life cycle in professional interventions. Discussion of health-illness situations in acute and chronic disorders of higher prevalence. Includes ethical-legal concepts and informatics in providing holistic, safe, and quality care within a context of diversity, equity, and inclusion throughout the growth and development stages. Integrates principles of communication, collaboration, health education, professional advancement, evidence-based practice, and leadership. Co-requisites: NURS 3191

3 credits

DIAZ PATO, MARIA DEL C. Part-Time Professor of Nursing. B.S. in Nursing, University of Puerto Rico Medical Sciences Campus; M.A. in Business Administration in Health Organization Management and Human Resources Management, Columbia Central University of Puerto Rico; M.S. in Nursing in Adults and The Elderly, Columbia Central University of Puerto Rico; Ed.D in Research, Universidad Internacional Iberoamericana.

Huckleberry, M.J. & Wilson, D. (2017). *Wong's Essentials of Pediatric Nursing*. (10<sup>th</sup> ed.). St. Louis: Mosby.

Hinkle, J. L., Cheeavaer, K. H. (2018). *Brunner & Suddarth's Textbook of Medical-*

*Surgical Nursing* (14th ed.). Philadelphia: Wolters Kluwer Kyle, T., & Carman, S. (2020). *Essentials of Pediatric Nursing*. (4<sup>th</sup> ed.). Lippincott Williams & Williams.

### **NURS 3191 PRACTICE IN PROFESSIONAL INTERVENTIONS DURING THE LIFE CYCLE**

Application of the nursing process with emphasis on diagnostic and therapeutic reasoning for decision-making, based on evidence-based practice throughout the life cycle. Emphasis on the levels of prevention for the management of human responses in the most prevalent acute and chronic disorders. Integration of the concepts of communication, collaboration, health education, ethical-legal, leadership and informatics, by offering safe and quality care within a context of diversity, equity and inclusion. It requires a total of 90 hours of supervised practice in various scenarios. Prerequisite: NURS 3121. Co-requisite: NURS 3190

3 credits

DIAZ PATO, MARIA DEL C. Part-Time Professor of Nursing. B.S. in Nursing, University of Puerto Rico Medical Sciences Campus; M.A. in Business Administration in Health Organization Management and Human Resources Management, Columbia Central University of Puerto Rico; M.S. in Nursing in Adults and The Elderly, Columbia Central University of Puerto Rico; Ed.D in Research, Universidad Internacional Iberoamericana.

Huckleberry, M.J. & Wilson, D. (2017). *Wong's Essentials of Pediatric Nursing*. (10<sup>th</sup> ed.). St. Louis: Mosby.

Hinkle, J. L., Cheeavaer, K. H. (2018). *Brunner & Suddarth's Textbook of Medical-Surgical Nursing* (14<sup>th</sup> ed.). Philadelphia: Wolters Kluwer

### **NURS 4180 NURSING CARE OF FAMILY AND COMMUNITY**

Analysis of selected theories and concepts that facilitate the study of the family as an integral part of the client community. Includes a review of principles and concepts of epidemiology, biostatistics and demographics. Discussion of the nursing process for family and community care with emphasis on health promotion and social determinants of well-being. Study of the nursing professional role in safety, disaster preparedness and climate effects on families and communities. Includes ethical-legal concepts, diversity, equity and inclusion. Requisite: NURS 3190, 3191

3 credits

DIAZ PATO, MARIA DEL C. Part-Time Professor of Nursing. B.S. in Nursing, University of Puerto Rico Medical Sciences Campus; M.A. in Business Administration in Health Organization Management and Human Resources Management, Columbia Central University of Puerto Rico; M.S. in Nursing in Adults and The Elderly, Columbia Central University of Puerto Rico; Ed.D in Research, Universidad Internacional Iberoamericana.

Nies, M.R., & McEwen, M. (2018). *Community/Public Health Nursing: Promoting the Health of Populations*. (7<sup>th</sup> ed.). St Louis, Missouri: Elsevier

Robinson, M. (2018). *Family Health Care Nursing: Theory, Practice, and Research*. (6<sup>th</sup> ed.). F.A. Davis.

### **NURS 4914 PRACTICE IN NURSING CARE TO THE FAMILY AND COMMUNITY**

Application of the nursing process in humanistic care of family and diverse population groups as an integral part of the community. Integration of concepts and theories that underpin nursing practice with the family and the community. Use of public health concepts, social determinants, risk identification, climate effects, epidemiology, biostatistics, demography and evidence-based practice. Demonstration of coordination and inter-professional collaboration skills, leadership and education in the implementation of intervention strategies. Application of ethical-legal principles and research findings in executing the roles of the nursing profession in promoting well-being and health. Requires a total of 90 hours of clinical practice in various scenarios. Prerequisite: NURS 3191 Co-requisite: NURS 4180.

2 credits

DIAZ PATO, MARIA DEL C. Part-Time Professor of Nursing. B.S. in Nursing, University of Puerto Rico Medical Sciences Campus; M.A. in Business Administration in Health Organization Management and Human Resources Management, Columbia Central University of Puerto Rico; M.S. in Nursing in Adults and The Elderly, Columbia Central University of Puerto Rico; Ed.D in Research, Universidad Internacional Iberoamericana.

Nies, M.R., & McEwen, M. (2018). *Community/Public Health Nursing: Promoting the Health of Populations*. (7<sup>th</sup> ed.). St Louis, Missouri: Elsevier

#### **NURS 4980 INTEGRATED WORKSHOP**

Integration of knowledge from the major specialty areas of the nursing profession. Emphasis on the concepts of leadership, management, person-centered care, quality improvement, collaboration, and informatics in a safe and effective care environment. Assessment of knowledge on integration of psychosocial, physiological and clinical concepts throughout the life cycle. Co-requisite: NURS 4981 Prerequisite: NURS 4914, in case the student is a candidate for graduation in the current term, may be offered concurrently with NURS 4180.

2 credits

GONZALEZ, MARIA. Part-Time Professor of Nursing. B.S. in Nursing, Universal Educational Institute of Puerto Rico; M.S. in Nursing with Specialty in Gerontology, Caribbean University; Med in Administration and Supervision, Metropolitan University (Ana G Mendez).

Campbell, L., Gilbert, MA., & Laustsen, G.R. (2014). *Capstone Coach for Nursing Excellence*. (2nd ed.). F.A. Davis Company.

Sullivan, E. J., & Decker, P. J. (2020). *Effective Leadership and Management in Nursing*. (9th ed.). Pearson.

#### **NURS 4981 PRACTICE IN INTEGRATED WORKSHOP**

Application of knowledge, skills, research, clinical judgment and commitment to the profession in practice across various settings. Utilizing principles of leadership, person-centered care, quality improvement, collaboration, and informatics for a safe and effective care environment. Includes psychosocial and physiological integration in the intervention within an ethical-legal context of diversity, equity and inclusion. Requires a total of 90 hours of supervised clinical practice in various settings. Requires authorization from the Nursing Program Director.

2 credits

DIAZ PATO, MARIA DEL C. Part-Time Professor of Nursing. B.S. in Nursing, University of Puerto Rico Medical Sciences Campus; M.A. in Business Administration in Health Organization Management and Human Resources Management, Columbia Central University of Puerto Rico; M.S. in Nursing in Adults and The Elderly, Columbia Central University of Puerto Rico; Ed.D in Research, Universidad Internacional Iberoamericana.

No Textbook

#### **BIOL 1105 BASIC CONCEPTS OF MICROBIOLOGY**

Introduction to the basic concepts of microbiology related to nursing. The relationship between microorganisms and human beings is studied. Additionally, discussed are the principles and basic concepts for controlling microbial growth, as well as the prevention and management of infections.

3 credits

MUJICA VAZQUEZ, EVELYN. Assistant Professor of Biology. B.S. in Biology, University of Puerto Rico; M.A. in Education in Biology, University of Puerto Rico.

Engelkirk, P.G., Duben-Engelkirk, J. & Fader, R.C. (2020). *Burton's Microbiology for the Health Sciences*. (11<sup>th</sup> ed.). Jones & Bartlett Learning.

#### **BIOL 1106 PRINCIPLES OF HUMAN ANATOMY AND PHYSIOLOGY**

Study of the structures and mechanisms of the functioning of the human body. The different systems of the body are presented in an integrated way. Discussion of the disease process in humans. Includes anatomical and pathophysiological concepts that influence human function.

4 credits

MUJICA VAZQUEZ, EVELYN. Assistant Professor of Biology. B.S. in Biology, University of Puerto Rico; M.A. in Education in Biology, University of Puerto Rico.

Tortora, G. J., & Derrickson, B. (2020). *Principles of Anatomy and Physiology*. (16<sup>th</sup> ed.). Wiley.

**BIIN 3220 BIOCHEMESTRY**

The study of the fundamental concepts of biochemistry and biomolecules, including carbohydrates, lipids, proteins, and nucleic acids. It covers the metabolism and function of these molecules and the flow of biological information.

3 credits

MUJICA VAZQUEZ, EVELYN. Assistant Professor of Biology. B.S. in Biology, University of Puerto Rico; M.A. in Education in Biology, University of Puerto Rico.

Shantaram, M. (2021). *Biochemistry and Nutrition for BSc (Nursing)*. (2<sup>nd</sup> ed.). Jaypee Brothers Medical Publishers.