

# **THE SCHOOL OF COMMUNITY HEALTH AND POLICY**

**NURSING  
PROGRAM**

**DEPARTMENT OF  
NUTRITIONAL  
SCIENCES**



## SCHOOL OF COMMUNITY HEALTH AND POLICY

### ALLAN NOONAN, MD, MPH, DEAN

The School of Community Health and Policy was established to provide education and training to students in the areas of nursing, nutrition, and public health—three fields identified as having the highest needs for trained professional minorities. Graduates of all three programs have the unique advantage of obtaining specialized education and training in health disparities and community practice, skills that are in growing demand.

There are three programs in The School of Community Health and Policy: Nursing, Nutritional Sciences, and Public Health. Students may obtain undergraduate degrees in nursing and nutritional sciences and graduate degrees in nursing and public health. The primary goal of the School and its three programs is to provide high quality education and training preparing students to address health disparities within urban populations.

#### VISION

Morgan State University School of Community Health and Policy faculty, staff, students, and graduates, in partnership with the community, leading the way to optimal health through education, research, service, and practice.

#### MISSION

Morgan State University's School of Community Health and Policy (MSU-SCHP) will prepare leaders who will generate and disseminate new scientific knowledge designed to help all to better understand and solve urban health problems and develop and advocate for programs and policies that enable underserved populations to attain optimal health.

#### PHILOSOPHY AND GOALS

The goal of the School of Community Health and Policy is to produce highly qualified professionals capable of developing and implementing successful strategies in health promotion and disease prevention. As an urban practice-based public health program at a Historically Black University, we provide students with the opportunity to learn and practice in communities of

underserved people and people of color in Maryland. The School of Community Health and Policy also serves as a resource and an information hub for families, communities, and government agencies in health disparities.

#### MAJOR GOALS

1. To provide a highly effective undergraduate and graduate educational experience to give students the best possible practice-based preparation for productive and meaningful careers in community-focused public health, nutrition and nursing.
2. To serve as a major source of new public health knowledge, especially as it relates to the translation of science to best practices, necessary for the improvement of the health status of urban and underserved populations and people of color.
3. To engage the community in equitable partnerships for the development and implementation of collaborative strategies to eliminate health disparities among urban and underserved populations and people of color.

#### NURSING

The undergraduate program offers the **Bachelor of Science degree in Nursing (BSN)**. The curriculum is built on the five components of professional nursing education: liberal arts education, professional values, core competencies, core knowledge and role development. The curriculum is designed to prepare the graduate to practice as a generalist, independently or collaboratively, with other health professionals in the promotion, restoration, and maintenance of health. Through theory and clinical practice, students will expand nursing skills and knowledge, enabling them to provide quality healthcare and to qualify for the **National Council Licensure Examination for Registered Nursing (NCLEX-RN)**. In addition, BSN program graduates have a sound academic foundation for graduate study.

The BSN program is a *selective admissions program* open to both juniors at Morgan and transfer students who meet Morgan State University's (MSU) admission requirements **and** the admission requirements of the nursing program. The curriculum is divided into Lower Level and Upper Level coursework. Students fulfill their

general education and pre-nursing requirements at the Lower Level in the first two years of the program. Upon admission to Morgan, freshman students may declare "nursing" as their prospective major. They will then be assigned an advisor to guide them through successful completion of the Lower Level courses outlined below.

**Admission to the Nursing Program:** Admission to the Upper Level nursing courses is competitive and will be based primarily on GPA rankings of prospective applicants. Students with a GPA of 3.0 or higher are eligible for *unconditional* admission to the nursing program. Those with lower than a 3.0 GPA *may* be admitted to the program on a *conditional* basis; however, these students must maintain a grade of B or better in *all nursing courses taken their first semester* in order to remain in the BSN program. Applicants must also complete a BSN Checklist/Application Form and provide a Biographical or Personal Statement and two letters of reference.

#### Transfer Students:

Transfer students must first be admitted to MSU before they are eligible to apply to the nursing program. They must also have completed all general education and pre-professional requirements. Their academic qualifications from all previous institutions will be evaluated for admission to the nursing program in accordance with the requirements outlined above. Those with lower than a 3.0 GPA may be admitted to the program on a conditional basis; however, these students must maintain a grade of B or better in all nursing courses taken their first semester to remain in the BSN program. Other conditions may also apply. **Nursing credits from other schools will be accepted only as electives.**

#### Retention/Graduation:

Nursing majors must maintain a 2.5 cumulative GPA and must have a 2.5 GPA upon graduation. Students having two consecutive semesters with a GPA below 2.5 will be dismissed from the nursing program.

#### BSN NURSING PROGRAM LOWER LEVEL COURSEWORK

Course	Description	Credits
BIOL 101 or higher (BIOL 105 recommended)	Introduction to Biology I	4

CHEM 101 or higher (CHEM 105 recommended)	General Chemistry	4
ENGL 101-102	Freshman Composition I & II	6
PHIL 109	Introduction to Logic	3
HUMA 201-202	Intro to Humanities I and II	6
HIST 101-102	World History I and II	6
	or	
HIST 105-106	American History I and II	3
HIST 350 or AFST 350	Intro to the African Diaspora or Africana St	3
PSYC 101	General Psychology	3
XXX*	Humanities Elective	3
MATH 109 or higher	Mathematics	3
SPCH 101	Principles of Speech Comm	3
	or	
ENGL 001	Speech Proficiency Exam	
or	Writing Proficiency Exam	
ENGL 350	or	
	Writing Proficiency Practicum	3
PHEC XXX	Physical Education Elective	1
ORCH 109	Freshman Orientation (for nursing students)	1
HEED 100	Healthful Living	2
GENL 201 or higher	Computer Literacy	2
BIOL 102**	Introduction to Biology II	4
BIOL 201-202	Anatomy and Physiology I and II	8
BIOL 405	Microbiology	4
NUSC 367***	Nutrition (Clinical Section for Nursing)	3
PSYC 102	Developmental Psychology - Human Growth and Development	3

#### Total

**69-75 credits**

\*See General Education requirements for eligible courses.

\*\*BIOL 102 is a prerequisite for BIOL 201 and BIOL 202. It is not a nursing prerequisite.

\*\*\*NUSC 367 clinical section for nurses includes material covered in NUSC 160, thereby waiving the prerequisite for nursing students.

#### BSN NURSING PROGRAM UPPER LEVEL COURSEWORK

Course	Description	Credits
NURS 300	Intro to Professional Nursing I	3



NURS 301	Nursing Process & Health Assessment	3
NURS 302	Practicum in Nursing Process & Health Assessment	1
NURS 304	Practicum in Nursing Clinical Skills	2
NURS 305	Nursing Care of Adults	3
NURS 306	Clinical in Nursing Care of Adults	3
NURS 350	Pharmacology	3
NURS 351	Pathophysiology and Therapeutic Regimen I	3
NURS 352	Health Care Ethics and the Law	3
NURS 353	Gerontology	3
NURS 354	Research in Nursing	3
NURS 401	Nursing Care of Adults w/ Complex Health Problems	3
NURS 402	Clinical in Nursing Care of Adults w/ Complex Health Problems	3
NURS 403	Parent-Child Nursing (Pediatrics)	2
NURS 404	Clinical in Parent-Child Nursing (Pediatrics)	2
NURS 405	Parent-Child Nursing (Maternity)	2
NURS 406	Clinical in Parent-Child Nursing (Maternity)	2
NURS 407	Community Health Nursing & Health Promotion	3
NURS 408	Clinical in Community Health Nursing & Health Promotion	3
NURS 409	Psychiatric/Mental Health Nursing	2
NURS 410	Clinical in Psychiatric/Mental Health Nursing	2
NURS 451	Senior Clinical Nursing Practicum	3
NURS 453	Nursing Management & Leadership	3
NURS 454	Transition into Professional Nursing	2

**Total****62 credits****NURSING COURSE OFFERINGS**

**NURS 300 INTRODUCTION TO PROFESSIONAL NURSING**-- *Three hours; 3 credits.* This course explores the history and development of nursing as an art, science, and profession. The current and evolving roles of the nurse in meeting societal needs through integrating theory, research and practice are presented. Legal and professional regulations are discussed. Core theoretical concepts of professional nursing practice presented include health, wellness, illness,

self-care and caring, disease prevention and health promotion. Interpersonal relationships, therapeutic communications, critical thinking, decision-making, clinical reasoning and ethical principles in clinical practice will be introduced. This is the first required upper-level nursing course. **Prerequisite:** Acceptance into nursing program. (FALL/SPRING).

**NURS 301 NURSING PROCESS AND HEALTH ASSESSMENT**--*Three hours; 3 credits.* This course introduces the student to the Nursing process, critical thinking, and decision-making essential for health assessment. The health assessment is based on theories and concepts of health and wellness as well as the variables that influence health status throughout the life cycle. Nursing diagnosis skills essential to health assessment and formulation of nursing diagnosis are performed on consumers of various ages to formulate nursing diagnoses and health care plans. A beginning application of the clinical reasoning process involving assessment, data analysis, nursing diagnoses, interventions and outcomes will be emphasized. **Prerequisites:** NURS 300, NURS 350, NURS 351, NURS 353. Passing grade on HESI examination for NURS 350 and NURS 351. (FALL/SPRING).

**NURS 302 PRACTICUM IN NURSING PROCESS AND HEALTH ASSESSMENT**-- *Three hours; 1 credit.* This course helps students acquire the skills necessary to conduct a comprehensive health assessment of the multi-dimensions of human health. A functional approach is used to identify normal variations and potential problems of health across the lifespan in both simulated and actual environments. **Prerequisites:** NURS 300, NURS 350, NURS 351, and NURS 353. Passing grade on HESI examination for NURS 350 and NURS 351. (FALL/SPRING).

**NURS 304 PRACTICUM IN NURSING CLINICAL SKILLS**--*Six hours; 2 credits.* Both simulated and actual clinical experiences are employed to provide opportunity for application of the nursing process and the practice of selected assessment and nursing skills in the laboratory and clinical settings. Therapeutic nurse client relationships and effective communication skills are emphasized. **Prerequisites:** NURS 300, NURS 350, NURS 351, NURS 353. Passing grade on HESI examinations for NURS 350 and NURS 351. (FALL/SPRING).

**NURS 305 NURSING CARE OF ADULTS**--*Three hours; 3 credits.* This course is an introduction to basic medical/

surgical concepts that prepares students to care for adults with commonly occurring medical or surgical disorders or diseases. The theory component focuses on the evidence-based practice role of the nurse in promoting, maintaining, and restoring health for adults with metabolic, respiratory, and cardiovascular problems. Nursing management is presented using the nursing process: This includes assessment data to collect, nursing diagnoses with suggested interventions and their rationales, and evaluation data to determine the effectiveness of nursing care. **Prerequisites:** NURS 300, NURS 301, NURS 302, NURS 304, NURS 350, NURS 351, NURS 353. Passing grade on HESI examinations for NURS 350 and NURS 351. (FALL/SPRING).

**NURS 306 CLINICAL IN NURSING CARE OF ADULTS**--*Nine hours; 3 credits.* This course provides for the clinical application of nursing interventions directed towards maintaining, restoring, and promoting health of adults with health alterations in a variety of settings. In the clinical setting, the student will have the opportunity to develop assessment skills, communication skills, cultural awareness, nursing process, critical thinking skills, teaching skills, and psychomotor skills in acute and community-based settings. Students will develop beginning collaborative skills with individuals, families, peers, and health care providers in the delivery of nursing care. **Prerequisites:** NURS 300, NURS 301, NURS 302, NURS 304, NURS 350, NURS 351, NURS 353. Passing grade on HESI examinations for NURS 350 and NURS 351. (FALL/SPRING).

**NURS 350 PHARMACOLOGY**--*Three hours; 3 credits.* This course introduces the nursing student to the basic knowledge and principles of pharmacology as applied to current nursing practice. An analysis of major classifications of drugs with a focus on physiological impact, side effects, toxicity, indication, and nursing implications is provided. Emphasis is placed on the utilization and application of the nursing process in the administration of medications. Students must pass the dose calculation test prior to enrolling in this course. **Prerequisites:** Admission into the nursing program. (FALL/SPRING).

**NURS 351 PATHOPHYSIOLOGY AND THERAPEUTIC REGIMEN I** -- *Three hours; 3 credits.* This course provides an overview of patho-physiological

concepts across the lifespan. The basic principles, processes, and concepts associated with common pathologies as well as the pathophysiological alterations related to body systems are explored. The definition, diagnosis, etiology, epidemiology, clinical manifestations, cultural and socioeconomic factors, and contemporary research of major diseases causing system alterations will be presented as will clinical implications, evidence-based therapeutic regimes and nursing interventions. **Prerequisite:** Admission into the nursing program. (FALL/SPRING).

**NURS 352 HEALTH CARE ETHICS AND THE LAW**-- *Three hours; 3 credits.* This course is designed to introduce the student to major ethical theory, principles, and models for the recognition, analysis and resolution of ethical dilemmas in health care practice. Case studies are incorporated to illustrate principles of ethical reasoning in health care settings. **Prerequisites:** NURS 300, NURS 350, NURS 351, NURS 353. Passing grade on HESI examinations for NURS 350 and NURS 351. (FALL/SPRING).

**NURS 353 GERONTOLOGY**--*Three hours; 3 credits.* This course examines the nurse's role in promoting, maintaining and restoring the health of aging adults. The psychological, sociological, and physiological factors that influence the health of the aging, with particular emphasis given to biological changes that have implications for disease and health disorders are presented. Community, state, and federal health programs and services for the aged are discussed. **Prerequisite:** Admission into the nursing program. (FALL/SPRING).

**NURS 354 RESEARCH IN NURSING**--*Three hours; 3 credits.* This course introduces the concept of evidenced based nursing practice or translating research-based evidence into practice. Use of the research process to define clinical research problems and determination of the applicability to clinical decision-making are presented. Appropriate methods of analysis used in research are presented and data analysis techniques are applied to published research articles. **Prerequisites:** NURS 300, NURS 350, NURS 351, NURS 353. Passing grade on HESI examinations for NURS 350 and NURS 351. (FALL/SPRING).

**NURS 401 NURSING CARE OF ADULTS WITH COMPLEX HEALTH PROBLEMS**--*Three hours; 3 credits.* This medical-surgical course provides the knowledge

and scientific basis for the delivery of nursing care to clients across the adult lifespan who are experiencing a variety of complex, acute, and chronic health problems in various settings, including long-term care and/or rehabilitation nursing settings. The pathophysiology and nursing care management of clients experiencing multi-system alterations in health status are presented. Nursing interventions to promote and maximize health potential are emphasized. **Prerequisites:** NURS 300, NURS 301, NURS 302, NURS 304, NURS 350, NURS 351, NURS 353. Passing grade on HESI examinations for NURS 350 and NURS 351. **Co-requisite:** NURS 402. (FALL/ SPRING).

**NURS 402 CLINICAL IN NURSING CARE OF ADULTS WITH COMPLEX HEALTH PROBLEMS**--*Nine hours; 3 credits.* This clinical component will provide the student with experience caring for adults with complex health problems. **Prerequisites:** NURS 300, NURS 301, NURS 302, NURS 304, NURS 350, NURS 351, NURS 353. Passing grade on HESI examinations for NURS 350 and NURS 351. **Co-requisite:** NURS 401. (FALL/ SPRING).

**NURS 403 PARENT-CHILD NURSING (PEDIATRICS)**--*Two hours; 2 credits.* This course focuses on promoting, maintaining, and restoring the health of parents, infants, children and adolescents in childbearing and childrearing families. Nursing care of well children and children with acute and chronic illness will be examined within the context of the family and community. **Prerequisites:** NURS 300, NURS 301, NURS 302, NURS 304, NURS 350, NURS 351, NURS 401. Passing grade on HESI examinations for NURS 350 and NURS 351. **Co-requisite:** NURS 404. (FALL/ SPRING).

**NURS 404 CLINICAL IN PARENT-CHILD NURSING (PEDIATRICS)**--*Six hours; 2 credits.* This clinical course focuses on the application of evidence-based knowledge and critical thinking skills in providing care for families during the childbearing years. Students will learn how to provide nursing care to infants and children in a variety of settings. **Prerequisites:** NURS 300, NURS 301, NURS 302, NURS 304, NURS 350, NURS 351, NURS 401. Passing grade on HESI examinations for NURS 350 and NURS 351. **Co-requisite:** NURS 403. (FALL/ SPRING).

**NURS 405 PARENT-CHILD NURSING (MATERNITY)**--*Two hours; 2 credits.* This course focuses on nursing care prior to and during pregnancy, labor and delivery. Care of mothers-to-be as well as newborns will be examined with-

in the context of the family and community. **Prerequisites:** NURS 300, NURS 301, NURS 302, NURS 304, NURS 350, NURS 351, NURS 353, NURS 401. Passing grade on HESI examinations for NURS 350 and NURS 351. **Co-requisite:** NURS 406. (FALL/SPRING).

**NURS 406 CLINICAL IN PARENT-CHILD NURSING (MATERNITY)**--*Six hours; 2 credits.* This clinical course focuses on the application of evidence-based knowledge and critical thinking skills in providing nursing care for expectant mothers and their newborn babies. Students will obtain experience caring for expectant mothers during normal pregnancy, high-risk pregnancy, and during the healthy newborn period. A variety of settings will be used. **Prerequisites:** NURS 300, NURS 301, NURS 302, NURS 304, NURS 350, NURS 351, NURS 353, NURS 401. Passing grade on HESI examinations for NURS 350 and NURS 351. **Co-requisite:** NURS 405. (FALL/SPRING).

**NURS 407 COMMUNITY HEALTH NURSING AND HEALTH PROMOTION**--*Three hours; 3 credits.* This course emphasizes the application of the nursing process for individuals, families and groups in the community. Concepts include prevention approaches, ecology, epidemiology, multicultural society, infectious diseases, collaboration, and interagency coordination. Students are introduced to methods to identify current or potential needs of individuals, aggregates and/or communities, and to the complex nursing systems for promotion, maintenance or restoration of health. Ethical, social, political, and legal influences on the American healthcare system are included. **Prerequisites:** NURS 300, NURS 301, NURS 302, NURS 304, NURS 350, NURS 351, NURS 353, NURS 401. Passing grade on HESI examinations for NURS 350 and NURS 351. **Co-requisite:** NURS 408. (FALL/SPRING).

**NURS 408 CLINICAL IN COMMUNITY HEALTH NURSING AND HEALTH PROMOTION**--*Nine hours; 3 credits.* The Community Health Clinical provides opportunities for students to practice community health assessment and to employ health promotion strategies to groups composed of individuals, family and community members. **Prerequisites:** NURS 300, NURS 301, NURS 302, NURS 304, NURS 350, NURS 351, NURS 353, NURS 401. Passing grade on HESI examinations for NURS 350 and NURS 351. **Co-requisite:** NURS 407. (FALL/SPRING).

**NURS 409 PSYCHIATRIC/MENTAL HEALTH**

**NURSING**--*Two hours; 2 credits.* This course focuses on the general principles and practices of psychiatric/mental health nursing. Psychiatric disorders, populations at risk, continuity of care, and problems in daily living are addressed. Unique needs of vulnerable and diverse populations are considered. **Prerequisites:** NURS 300, NURS 301, NURS 302, NURS 304, NURS 350, NURS 351, NURS 353, NURS 401. Passing grade on HESI examinations for NURS 350 and NURS 351. **Co-requisite:** NURS 410. (FALL/SPRING).

**NURS 410 CLINICAL IN PSYCHIATRIC/MENTAL HEALTH NURSING**--*Six hours; 2 credits.* Clinical experiences provide the student with the opportunity to develop therapeutic communication skills, cultural awareness, critical thinking skills, teaching skills, and collaborative skills in acute in-patient, chemical dependency, outpatient, and adolescent units. **Prerequisites:** NURS 300, NURS 301, NURS 302, NURS 304, NURS 350, NURS 351, NURS 353, NURS 401. Passing grade on HESI examinations for NURS 350 and NURS 351. **Co-requisite:** NURS 409. (FALL/ SPRING).

**NURS 451 SENIOR CLINICAL NURSING PRACTICUM**--*Nine hours; 3 credits.* This clinical course will provide students with an opportunity to further demonstrate competencies consistent with program outcomes and to refine their nursing care practice skills. Students will collaborate with faculty and a preceptor in choosing a care setting, planning and organizing a learning experience, and practicing professional nursing in a safe and effective manner. **Prerequisites:** NURS 300, NURS 301, NURS 302, NURS 304, NURS 350, NURS 351, NURS 353, NURS 401. Passing grade on HESI examinations for NURS 350 and NURS 351. (OFFERED AS NEEDED).

**NURS 453 NURSING MANAGEMENT AND LEADERSHIP**--*Three hours; 3 credits.* This course provides knowledge and skills necessary to function as a nursing leader and/or manager within a dynamic practice environment. Concepts of leadership, group dynamics, power, problem-solving, change, conflict, and ethical decision-making are addressed. Managerial functions such as staffing, performance appraisal, delegation, communication, team-building, planning, and budget preparation are introduced. Issues such as regulatory constraints, professional liability and quality of care are also explored. **Prerequisites:** NURS 300, NURS 301, NURS 302, NURS 304, NURS 350, NURS 351, NURS 353, NURS 401. Passing grade on HESI examinations for NURS 350 and NURS 351. (OFFERED AS NEEDED).

**NURS 454 TRANSITION INTO PROFESSIONAL NURSING**--*Two hours; 2 credits.* This class will focus on issues related to student transition to actual nursing practice. A review of nursing content and a final comprehensive exam in preparation for the NCLEX exam is included. Satisfactory completion of this course is a requirement for graduation. **Prerequisites:** Successful completion of all prior course work in the nursing program. (OFFERED AS NEEDED).

**MORGAN STATE UNIVERSITY  
NURSING PROGRAM  
RECOMMENDED CURRICULUM SEQUENCE**

**FRESHMAN YEAR (FIRST SEMESTER)**

ENGL 101	FRESHMAN COMPOSITION I	3
BIOL 101	INTRODUCTORY BIOLOGY I	4
ORCH 109	FRESHMAN ORIENTATION	1
MATH 109	COLLEGE MATHEMATICS	3
HIST 101/105	WORLD HISTORY I or US HISTORY I	3

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**14****FRESHMAN YEAR (SECOND SEMESTER)**

ENGL 102	FRESHMAN COMPOSITION II	3
BIOL 102	INTRO TO BIOLOGY II	4
HEED 100	HEALTHFUL LIVING	2
CHEM 101	GENERAL CHEMISTRY	4
HIST 102/106	WORLD HISTORY II or US HISTORY II	3

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**16****SOPHOMORE YEAR (FIRST SEMESTER)**

HUMA 201	HUMANITIES I	3
PSYC 101	GENERAL PSYCHOLOGY	3
BIOL 201	ANATOMY & PHYSIOLOGY I	4
SPCH 101	PRIN OF SPEECH COMM or SPEECH PROFICIENCY EXAM	3 0
GENL 201	COMPUTER LITERACY	2

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**15****SOPHOMORE YEAR (SECOND SEMESTER)**

HUMA 202	HUMANITIES II	3
PHIL 109	INTRO TO LOGIC	3
BIOL 202	ANATOMY & PHYSIOLOGY II	4
PSYC 102	DEVELOPMENTAL PSYC	3
PHEC XXX	PHYSICAL EDUCATION	1

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**14****JUNIOR YEAR (FIRST SEMESTER)**

HUMA XXX	HUMANITIES ELECTIVE	3
ENGL 001 or	WRITING PROF EXAM or	0
ENGL 350	WRITING PRACTICUM	3
BIOL 405	MICROBIOLOGY	4
NUSC 367	NUTRITION	3
HIST 350 or	AFRICAN DIASPORA or	3
AFST 350	AFRICAN STUDIES	

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**13****JUNIOR YEAR (SECOND SEMESTER)**

NURS 300	INTRODUCTION TO NURSING	3
NURS 350	PHARMACOLOGY	3
NURS 351	PATHOPHYSIOLOGY	3
NURS 352	HEALTH CARE, ETHICS, LAW	3
NURS 353	GERONTOLOGY	3

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**15****SENIOR YEAR (FIRST SEMESTER)**

NURS 301	HEALTH ASSESSMENT	3
NURS 302	HEALTH ASSESS PRACTICUM	1
NURS 304	PRACTICUM NURS CLINICAL	2
NURS 305	NURSING CARE OF ADULTS	3
NURS 306	CLINICAL CARE OF ADULTS	3
NURS 354	RESEARCH IN NURSING	3

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**15****SENIOR YEAR (SECOND SEMESTER)**

NURS 403	PEDIATRICS	2
NURS 404	CLINICAL IN PEDIATRICS	2
NURS 405	MATERNITY	2
NURS 406	CLINICAL IN MATERNITY	2
NURS 407	COMMUNITY HEALTH NURS	3
NURS 408	CLINICAL COMMUNITY HLTH	3
NURS 409	PSYCHIATRIC NURSING	2
NURS 410	CLINICAL IN PSYC NURSING	2

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**18****SENIOR YEAR (FINAL SEMESTER)**

NURS 401	ADULTS COMPLEX PROB	3
NURS 402	CLIN ADULTS COMPLEX PROB	3
NURS 451	SR CLIN NURSING PRACTICE	3
NURS 453	NURSING MNGT/LEADERSHIP	3
NURS 454	TRANSITION PROF NURSING	2

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**14****TOTAL CREDITS 134**



## NUTRITIONAL SCIENCES

Nutritional Sciences Program Director: Associate Professor IVIS T. FORRESTER-ANDERSON; Assistant Professors: SHERINE JENNELS, CYNTHIA A. TUCKER.

The Nutritional Sciences Program, formerly the Food and Nutrition Program, is located in the School of Community Health and Policy. The Program was transferred from the School of Education and Urban Studies when the status of School was conferred to the Public Health Program in 2005. The Nutritional Sciences Program is designed for students interested in the field of Dietetics and Food Service Systems. The Program embraces a commitment to enhancing students' personal and pre-professional development by providing high quality education and experiential learning opportunities. Students gain the knowledge, skills and competencies to meet the challenges and demands for products and services: to conduct evidence-based research, and to implement programs to improve the quality of life for individuals, families, communities and nations of the world.

The program is accredited by the Commission on Accreditation for Dietetics Education (CADE) of the American Dietetic Association (ADA), 120 S. Riverside Plaza, Suite 2000, Chicago, IL 60606- 6995; Telephone (800) 877-1600. Completion of the program meets the minimum academic requirements for ADA accredited dietetic internship. A minimum of 129 credits will satisfy the requirements for a major in Nutritional Sciences.

The curriculum includes courses in organic and inorganic chemistry, biochemistry, general biology and microbiology, anatomy and physiology, basic and advanced courses in nutrition and foods, institutional management, computer science, food service systems and selected business courses.

The **mission** of the Dietetics Program at Morgan State University is to prepare dietetic students from culturally diverse backgrounds to competently address the dietary needs, and to optimize the nutrition-related health status of a diverse clientele, and to assume positions of leadership in a wide range of settings such as health care, educa-

tion, industry, government, research, and community.

### Goals/Objectives:

1. Enroll, retain and graduate a culturally diverse pool of students to meet the critical shortages and underrepresentation in the profession.
2. To prepare students with the knowledge and skills as defined by the Foundation Knowledge and Skills for Didactic Component of Entry-Level Dietitian Education Programs.
3. To educate students who will apply and perform satisfactorily in supervised practice programs as evaluated by the Internship Program Director/ Supervisor.
4. To prepare students for entry-level positions as food and nutrition professionals in the field of Dietetics or for entry into health-related graduate programs.

### REQUIRED COURSES FOR A MAJOR IN NUTRITIONAL SCIENCES

In addition to meeting the General Education course requirements of 46 credits, students majoring in Nutritional Sciences must complete the following courses.

<i>Course</i>	<i>Credits</i>
BIOL 106	4
BIOL 201	4
BIOL 202	4
BIOL 405	4
CHEM 106	4
CHEM 201	4
CHEM 202	4
**ELECTIVE	3
NUSC 160	3
NUSC 161	3
NUSC 361	3
NUSC 362	4
NUSC 366	4
NUSC 367	3
NUCS 462	3
NUSC 463	4
NUSC 464	3
NUSC 465	2
NUSC 466	4

NUSC 467	2
NUSC 468	3
NUSC 480	3
MGMT 324	3
MKTG 331	3
ORIE 109	1
PHEC XXX	1

In order to qualify for graduation, students must have passed the Senior Program Exit Examination, earned a cumulative average of 2.0 or better, and a major average of 2.0 or better, with no grades below “C” in the major (which includes all courses required for the major and required supporting courses listed above).

### REQUIRED COURSES FOR A MINOR IN NUTRITIONAL SCIENCES

Students who pursue a minor in Nutritional Sciences must complete the following courses:

NUSC 160	3
NUSC 161	3
NUSC 361	3
NUSC 367	3
NUSC 462	3
NUSC 464	3
<b>TOTAL</b>	<b>18</b>

### NUTRITIONAL SCIENCES COURSE DESCRIPTIONS

**ORCH 109 FRESHMAN ORIENTATION-** *Two hours lecture, 1 credit.* This course is an overview of the history and field of public health, the relatedness of foods, and nutrition; the government entities (local, state, and federal); policies, and programs that interact to affect the nutritional well-being of the public. The university’s policies and procedures (academics, student’s rights, responsibilities, and expectations) for successful matriculation will be emphasized. (Formerly ORIE 109). (FALL).

**NUSC 160 INTRODUCTION TO NUTRITION-** *Three hours lecture; 3 credits.* This course stresses the importance of a working knowledge of general nutrition principles and wise nutritional practices. Emphasis

is placed on food nutrient sources, digestive processes, human metabolism and energy requirements particularly in the framework of the eating patterns of the American people. (Formerly FONT 160). (SPRING).

**NUSC 161 SCIENTIFIC PRINCIPLES OF FOOD SELECTION AND PREPARATION** -*Two hours lecture, two hours laboratory; 3 credits.* This course is a study of the cultural and economic aspects of food selection: the scientific principles underlying methods of food selection, preparation and preservation, and their effects on consumer acceptability and nutritive value of common foods. (Formerly FONT 161). (SPRING).

**NUSC 260 FAMILY MEAL MANAGEMENT** – *Two hours lecture and two hours laboratory; 3 credits.* This course concerns contemporary markets, methods and equipment as related to available resources, buying, management, preparation and serving of family meals. **Prerequisites:** NUSC 160 and 161. (Formerly FONT 260). (AS NEEDED)

**NUSC 262 NUTRITION EDUCATION** – *Three hours lecture; 3 credits.* The purposes of this course are to relate the principles of nutrition to good health, growth and development during childhood and adulthood with consideration of cultural and economic influences on food habits and nutritional status. Emphasis will be placed on nutrition education methods and audio-visual aids most effective at various educational levels. (Formerly FONT 262). (FALL).

**NUSC 361 APPLIED NUTRITION** - *Three hours lecture; 3 credits.* The nutritional needs of the individual and an in-depth study of the metabolism of foods in the human body. Current advances in nutrition research are discussed. **Prerequisites:** NUSC 160 and CHEM 202. (Formerly FONT 361). (SPRING).

**NUSC 362 ADVANCED FOOD SCIENCE** – *Two hours lecture, four hours laboratory; 4 credits.* This course applies the scientific method to the solution of specific problems in food experimentation and food safety. Technical writing and quantitative data analysis are addressed. **Prerequisites:** NUSC 160, 161 and CHEM 201. (Formerly FONT 362). (SPRING).

**NUSC 366 INSTITUTIONAL MANAGEMENT** -*Two hours lecture, four hours laboratory; 4 credits.* This course examines the principles of organization and management of

food service institutions and problems of administration. Equipment, layout, and workflow are discussed in relation to the various types of operations and performance requirements. Bookkeeping, computer usage, budgeting, and cost accounting are discussed where applicable. **Prerequisite:** NUSC 160. (Formerly FONT 366). (FALL).

**NUSC 367 NUTRITION THROUGHOUT THE LIFE CYCLE** - *Three hours lecture; 3 credits.* Addresses the physiological, socioeconomic, and environmental factors influencing nutritional status and requirements over the life cycle. The impact of policies and program delivery on nutritional status and health is also addressed. **Prerequisite:** NUSC 160. (Formerly FONT 367). (SPRING).

**NUSC 462 COMMUNITY NUTRITION** - *Three hours lecture; 3 credits.* This course examines the cultural, ethnic and socio-economic factors, which underlie food selection, methods of preparation, and potential nutrient value. Opportunities are provided to evaluate community programs addressing nutrition and health. **Prerequisite:** NUSC 160. (Formerly FONT 462). (FALL).

**NUSC 463 QUANTITY FOOD SERVICE SYSTEMS** - *Two hours lecture, four hours laboratory; 4 credits.* A study of quality food cookery and management problems as they pertain to commercial, industrial, and other institutional food services. Merchandising menus, variety in menu planning, and food preferences of customers to be included. Independent projects are required of students through experiential learning opportunities in selected food service establishments. **Prerequisites:** NUSC 160 and 161. (Formerly FONT 463). (SPRING).

**NUSC 464 DIET THERAPY I** - *Three hours lecture; 3 credits.* A study of the modifications of normal diets in the applications of diet therapy. Involves nutrient and calorie calculations in the development of dietary plans for specific diet-related conditions. Medical terminologies related to nutrition and diseases will be covered. **Prerequisites:** NUSC 160, 361 and CHEM 202. (Formerly FONT 464). (FALL).

**NUSC 465 SENIOR SEMINAR IN FOODS AND NUTRITION** - *Two hours lecture; 2 credits.* Current trends, and selected topics in food and nutrition. Presentation of case studies from clinical experience. **Prerequisites:** NUSC 160, 361 and 464, or consent of instructor. (Formerly FONT 465). (SPRING).

**NUSC 466 FOOD AND NUTRITION FIELD EXPERIENCE** - *Two hours lecture, six hours of field experience*

*per week; 4 credit hours.* Pre-professional training in dietetics and food service systems: experience in hospitals, nursing homes or other related clinical facilities under supervision of a resident dietitian. Involves nutrition assessment, case study, nutrition counseling and food service management exercises. Instructor's approval is required. **Prerequisites:** NUSC 160, 361, and 464, or consent of instructor. (Formerly FONT 466). (SPRING).

**NUSC 467 DIET THERAPY II** - *Two hours lecture; 2 credits.* Continuation of NUSC 464. A study of the modifications of normal diets in the applications of diet therapy. Involves nutrient and calorie calculations in the development of dietary plans for specific diet-related conditions. Medical terminologies related to nutrition and diseases will be covered. **Prerequisites:** NUSC 160, 361, and 464. (Formerly FONT 467). (SPRING).

**NUSC 468 STATISTICS** - *Two hours lecture, two hours laboratory; 3 credits.* This course covers the descriptive statistical measures including tabular and graphic representations to the concepts of normal curve and probability. The course includes measures of central tendency, measures of variability up to variance and sum of squares, the normal curve, Z tests and probability theory. Basic applications of analysis of variance (ANOVA) and t-tests are covered. **Prerequisites:** NUSC 361, 362. (SPRING).

**NUSC 480 RESEARCH METHODS** - *Three hours lecture; 3 credits.* This course is designed to help dietetic and other health pre-professionals to understand and apply scientific methodology in research, and to obtain skills in interpretation of data, and promote decision-making that lead to growth in future careers, graduate school, or professional positions. **Prerequisites:** NUSC 361, 362. (Formerly FONT 480). (FALL).

### COMPREHENSIVE EXAMINATION

All students majoring in Nutritional Sciences are required to take the Exit Exam during their final year. The exam is offered in April to students completing their requirements in May or August, and in November to those completing requirements in December. Students are expected to pass the Exit Exam with a score of at least 70% before they are allowed to graduate. Multiple attempts are allowed. The dates for the exam will be posted within the department one month before the date of administration. This exam satisfies the University's requirement for a Comprehensive Final Exam.

MORGAN STATE UNIVERSITY  
**SCHOOL OF COMMUNITY HEALTH AND POLICY**  
**BACHELOR OF SCIENCE IN NUTRITIONAL SCIENCES**  
 SUGGESTED CURRICULUM SEQUENCE

**FRESHMAN YEAR (FALL SEMESTER)**

CHEM 105	GEN CHEM I	4
ORCH 109	FRESHMAN ORIENT	1
HEED 100	HEALTH EDUCATION	2
ENGL 101	FRESHMAN COMP I	3
MATH 113	INTRO TO MATH ANAL I	4
BIOL 105	INTRO TO BIOL I	4

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**18****FRESHMAN YEAR (SPRING SEMESTER)**

BIOL 106	INTRO TO BIOL II	4
CHEM 106	GEN CHEMISTRY II	4
NUSC 160	INTRO TO NUTRITION	3
ENGL 102	FRESHMAN COMP II	3
NUSC 161	SCIEN PRIN OF FOOD	3

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**17****SOPHOMORE YEAR (FALL SEMESTER)**

HIST 101 or HIST 105	WORLD CIVILIZATION or U.S. HISTORY	3
HUMA 201	INTRO TO HUMANITIES I	3
CHEM 201	ORGANIC CHEMISTRY	4
BIOL 201	ANATOMY/PHYSIOLOGY	4
PHIL 109	INTRO TO LOGIC	3

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**17****SOPHOMORE YEAR (SPRING SEMESTER)**

HIST 102 or HIST 106	WORLD CIVILIZATION or U.S. HISTORY	3
HUMA 202	INTRO TO HUMAN II	3
CHEM 202	BIOCHEMISTRY	4
BIOL 202	ANATOMY/PHYSIO II	4
ECON 211	PRINCIPLES OF ECON I	3

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**17****JUNIOR YEAR (FALL SEMESTER)**

HIST 350	AFRICAN DIASPORA	3
BIOL 405	MICROBIOLOGY	4
NUSC 366	INSTITUTIONAL MGMT	4
MGMT 324	PRIN OF MGMT & ORG. BEH.	3
XXX XXX*	RESTRICTED ELECTIVE	3

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**17****JUNIOR YEAR (SPRING SEMESTER)**

NUSC 361	APPLIED NUTRITION	3
NUSC 362	ADVANCE FOOD SCIENCE	4
GENL 201	COMP. LITERACY	2
XXX**	HUMANITIES ELECTIVE	3
NUSC 367	NUTRITION THROUGH OUT THE LIFE CYCLE	3
PHEC XXX	PHYSICAL ED	1

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**16****SENIOR YEAR (FALL SEMESTER)**

NUSC 462	COMMUNITY NUTRITION	3
NUSC 464	DIET THERAPY I	3
NUSC 480	RESEARCH METHODS	3
MKTG 331	MARKETING	3

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**12****SENIOR YEAR (SPRING SEMESTER)**

NUSC 463	QUANTITY FOODS SYS	4
NUSC 465	SENIOR SEMINAR	2
NUSC 466	FOODS & NUTRITION FIELD EXPERIENCE	4
NUSC 467	DIET THERAPY II	2
NUSC 468	STATISTICS	3

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**15****TOTAL CREDITS****129**

\*Restricted Elective Choices:

EDU 301 HUMAN LEARNING  
 SOWK 221 THE BLACK COMMUNITY AND SOCIAL WORK  
 FACS 341 ALCOHOL AND SUBSTANCE ABUSE IN THE FAMILY  
 BAUD 351 ENTREPRENEURSHIP

\*\*See General Education Requirements for Eligible Courses.