

# COURSES IN NURSING

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## **NUR102 Freshman Compass: Nursing**

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Hours 1

The purpose of this elective course is to introduce the student to the Capstone College of Nursing and to help the student develop an awareness of and appreciation for the nursing profession. Emphasis is placed on the advisement process, study skills, professional nursing organizations, an overview of the CCN curriculum, and opportunities in nursing. (Theory).

Freshman Compass

## **NUR103 Freshman Compass: Nursing (Honors)**

*UH*

Hours 1

The purpose of this elective course is to introduce the student to the Capstone College of Nursing and to help the student develop an awareness of and appreciation for the nursing profession. Emphasis is placed on the advisement process, study skills, professional nursing organizations, an overview of the CCN curriculum, and opportunities in nursing. (Theory) This is the honors section and is designated for honors students only.

University Honors

## **NUR302 Introduction to Women's Health Disparities**

Hours 3

The course serves as an introduction to women's health policy, in which trends and issues will be identified and discussed. The course is designed to enhance the learning and understanding of women's health issues in the United States. In this course, students will analyze the social, economic, political, behavioral, environmental, and spiritual components that influence women's health.

Prerequisite(s): Admission to the Upper Division of The Capstone College of Nursing

## **NUR305 Human Pathophysiology**

Hours 4

The purpose of this course is to introduce students to fundamental pathophysiology of the human body. This course examines physiological change that results in disruptive adaptive responses throughout the lifespan. These disruptive responses are approached in a systematic manner. A combination of identified cellular concepts and a body systems approach is utilized to structure course content. Included are basic cellular processes in human pathology, pathology associated with the major body systems, and physiology associated with the aging process. (Theory).

Prerequisite(s): Admission to Nursing Upper Division

## **NUR306 Introduction to Dosage Calculations**

Hours 2

The purpose of this course is to provide students with the opportunity to review basic math concepts and problems; examine the different systems of measurement and abbreviations; examine methods of dosage calculation required for safe administration of adult and pediatric medications; interpret drug orders; and solve calculations of different medication preparations. Through didactic instruction, case studies, and multimedia, students will develop and enhance their knowledge of medication calculations.

## **NUR308 Conceptual Foundations Prof Nu**

*W*

Hours 3

Successful completion of this course is a prerequisite for semester II upper division courses. This course focuses on concepts and issues relevant to professional nursing practice. Content related to the values of professional nursing and issues affecting practice will be examined. Students are introduced to the CCN Vision, Mission and core Values. This course meets the University's core curriculum requirements for writing. Writing proficiency is required for a passing grade in this course. A student who does not write with the skill normally required of an upper-division student will not earn a passing grade, no matter how well the student performs in other areas of the course.

Prerequisite(s): Admission to Nursing Upper Division

Writing

## **NUR309 Nursing Informatics**

*C*

Hours 3

This required online course is limited to nursing majors who have previous computer experience. The course focuses on utilization of computers in health care education, practice, research and administration with emphasis on nursing applications. Particular emphasis is placed on HIPAA, social media and information security. Telehealth and the use of encryption software to protect patient information is also a focal point. The computer assignments provide experience with a clinical information system, Internet, PDAs, word processing, databases, spreadsheets, and graphics programs. This course requires the utilization of the following software: Microsoft Word, PowerPoint, and Excel. In addition, students will also have the opportunity to explore and utilize free online software. Computing proficiency is required for a passing grade in this course.

Prerequisite(s): Foreign Language option or an additional lower division CS designated course such as CS 202 or CS 285 and NUR 305 and NUR 306 and NUR 308 and NUR 310.

Computer Science

**NUR310 Health Assessment for Professional Nursing Practice**

Hours 3

This course prepares the novice nursing student in the development of health assessment skills including the health history, physical, psychosocial, and spiritual aspects necessary for critical thinking in professional nursing practice. Adult physical assessment techniques will be developed through simulation and practice within a practice lab setting.

Prerequisite(s): Promotion to Upper Division of Nursing

**NUR313 Special Topics**

SP

Hours 1-10

This course focuses on selected BSN topics under the sponsorship of a nursing faculty member with relevant expertise.

Special Topics Course

**NUR315 Fundamentals of Nursing I**

Hours 2

Integration of knowledge, theories and skills from the humanities, arts and sciences serves as the foundation for this introductory nursing course. Students will further build upon adult assessment skills necessary for critical thinking in professional nursing practice. Basic care techniques and psychomotor skills will be developed through practice in the clinical practice lab and simulation center. The nursing process will be presented as a framework for critical thinking, decision-making and nursing practice.

Prerequisite(s): NUR 305, NUR 308, NUR 310

**NUR316 Fundamentals of Nursing II**

Hours 5

Integration of knowledge, theories and skills from the humanities, arts and sciences serves as the foundation for this clinical course. Students will continue to refine adult assessment skills necessary for critical thinking in professional nursing practice. Clinical skills related to nursing practice will be developed through practice in the clinical practice lab, simulation, and with clients on the clinical unit. The nursing process will be presented as a framework for critical thinking, decision-making and nursing practice. Levels of prevention will be introduced as a model for health care.

Prerequisite(s): NUR 305, NUR 308, NUR 310, NUR 315

**NUR317 Indep Study In Nursing**

SP

Hours 1-10

This course focuses on individual independent study of a selected topic under the sponsorship of a nursing faculty member with relevant expertise. Prior approval of proposal by faculty sponsor and associate dean required. Elective.

Special Topics Course

**NUR319 Nrsrg Informatics for RNs**

C

Hours 3

This required online course is limited to nursing majors who have previous computer experience. The course focuses on utilization of computers in health care education, practice, research and administration with emphasis on nursing applications. The computer assignments provide experience with a clinical information system, Internet, PDAs, word processing, databases, spreadsheets, and graphics programs. This course requires the utilization of the current software including but not limited to: Free healthcare mobile device applications, Microsoft Word, PowerPoint, and Excel. In addition, students will also explore and utilize free online presentation software. Computing proficiency is required for a passing grade in this course.

Computer Science

**NUR324 Fundamentals for Professional Nursing Practice**

Hours 7

Integration of knowledge, theories and skills from the humanities, arts and sciences serves as the foundation for this introductory clinical course. Students will further build upon adult assessment skills necessary for critical thinking in professional nursing practice. Clinical skills related to communication and basic care techniques will be developed through simulation and practice with clients on the clinical unit. The nursing process will be presented as a framework for critical thinking, decision-making and nursing practice. Levels of prevention will be introduced as a model for health care.

Prerequisite(s): NUR 305 and NUR 306 and NUR 308 and NUR 310

**NUR326 Pharmacology Nursing Practice**

Hours 3

The purpose of this required course is to introduce the student to the role of pharmaceutical agents in assisting patients with health problems throughout the lifespan. A brief history and a discussion of the legal controls that regulate the field of pharmacology are included. Drug prototypes are utilized to examine the major classifications of drugs. Use of a handheld electronic device and accompanying software facilitates discussion of major drug classification with regard to pharmacokinetics, therapeutic uses, adverse reactions, precautions, and contraindications. Special considerations of diverse cultural backgrounds, ethnic factors, access to financial resources, lifespan issues, and genetic variations impacting drug therapy are included. Health teaching and nursing implications for drug classifications are discussed.

Prerequisite(s): NUR 305 and NUR 306 and NUR 308 and NUR 310

**NUR328 Inq for Evi-Based Prac in Nurs**

W

Hours 3

This required course introduces nursing students to the basics of the research process and research methodology in a manner to allow the reading and understanding of research articles. Emphasis is placed on nursing research in a context of identification of practice issues, levels of evidence, identification and synthesis of evidence, translation into practice, participation in quality improvement, and evaluation of outcomes. This required course meets the university's core curriculum requirements for writing. Writing proficiency is required for a passing grade in this course. A student who does not write with the skill normally required of an upper-division student will not earn a passing grade, no matter how well the student performs in other areas of the course.

Prerequisite(s): [(NUR 315 AND NUR 316) OR NUR 324] AND NUR 326 AND NUR 309

Writing

**NUR329 Inq. Evidence Based Pract RNS**

W

Hours 3

This required course introduces nursing students to the basics of the research process and research methodology in a manner to allow the reading and understanding of research articles. Emphasis is placed on nursing research in a context of identification of practice issues, levels of evidence, identification and synthesis of evidence, translation into practice, participation in quality improvement, and evaluation of outcomes. This required course meets the university's core curriculum requirements for writing. Writing proficiency is required for a passing grade in this course. A student who does not write with the skill normally required of an upper-division student will not earn a passing grade, no matter how well the student performs in other areas of the course.

Prerequisite(s): NUR 319 and NUR 348, or with departmental approval

Writing

**NUR330 Honors Inquiry for Evidence-Based Practice in Nursing**

UH, W

Hours 3

This required course introduces nursing students to the basics of the research process and research methodology in a manner to allow the reading and understanding of research articles. Emphasis is placed on nursing research in a context of identification of practice issues, levels of evidence, identification and synthesis of evidence, translation into practice, participation in quality improvement, and evaluation of outcomes. This required course meets the university's core curriculum requirements for writing. Writing proficiency is required for a passing grade in this course. A student who does not write with the skill normally required of an upper-division student will not earn a passing grade, no matter how well the student performs in other areas of the course.

Prerequisite(s): NUR 324 and NUR 326

University Honors, Writing

**NUR332 Nursing Student Academic Success**

Hours 1

The purpose of this course is to provide first semester upper division nursing students with an introduction to the nature of nursing education and to the function, resources, and activities of Capstone College of Nursing and The University of Alabama. The course will provide students with information about themselves as learners, a theoretical and practical understanding of nursing-specific learning strategies, and opportunities to apply these strategies—using processes of reflective decision-making and critical evaluation—for maximizing learning, academic success, and personal fulfillment. The course will explore topics for success, including: developing a better understanding of the learning process, acquiring basic academic survival skills, and ensuring maintenance of students' physical and mental health and well-being. The ultimate goal of the course is to equip each student with the confidence and basic skills necessary for successful completion of the baccalaureate nursing degree program.

Prerequisite(s): Promotion to upper division nursing.

**NUR333 Inquiry into the Cuban Healthcare System**

Hours 3

The purpose of this foreign travel experience course is to provide students with firsthand knowledge of the healthcare system in Cuba. Students will visit facilities and community organizations that support the health of individuals and communities. In addition, students will have the opportunity to visit key points of historic interest to further their understanding and develop an increased cultural awareness of Cuban life.

**NUR345 Perioperative Nursing**

Hours 3

This elective course is designed to give students an opportunity to participate in multiple nursing roles in the perioperative environment. These activities are planned to enrich the student's knowledge and provide application of concepts relevant to operative and anesthesia standards of care.

Prerequisite(s): NUR 324

**NUR348 Role Tran in Baccalaureate Nur**

W

Hours 4

This online theory course designed for registered nurse students is structured to provide the foundation for continuing development of the students' body of conceptual and practical knowledge essential for enacting the professional nursing roles. This required course meets the University's Core Curriculum requirements for writing. Writing proficiency is required for a passing grade in this course. A student who does not write with the skill normally required of an upper-division student will not earn a passing grade, no matter how well the student performs in other areas of the course. (Theory).

Prerequisite(s) with concurrency: NUR 319

Writing

**NUR352 Pharmacology: Review of Current Practices**

Hours 1

The purpose of this elective course is to provide students with an opportunity to review and develop their pharmacological knowledge through practical application. The course is designed to cover general principles of medication administration as well as how medications influence body systems and physiological processes. Through didactic instruction, case studies, and interactive learning activities students will enhance their knowledge of pharmacological and parenteral therapies.

Prerequisite(s): NUR 326

**NUR355 Minds and Mentors Paraprofessional Training Program**

Hours 3

Integration of knowledge, theories and skills to work as a behavioral health paraprofessional to support the needs of individuals with substance use problems and their families. Students will further build upon their personal experiences with substance use problems to develop competencies to successfully work with communities and other stakeholders.

**NUR360 Honors Research Seminar/Practicum I**

UH

Hours 2

This is the second course in a three-semester series that emphasizes the role of research in nursing and health care. In this course students will refine and implement the research protocol developed in NUR 328 or UA 156. Working closely with their faculty mentor, students will 1) obtain IRB approval (if required and not completed in the first semester); 2) collect and analyze data, and 3) compile an abstract of their project. Students will receive hands on experience with management of data and data analysis techniques. Avenues of research dissemination will be discussed. Students will discuss the theoretical underpinnings of practice and research and methods to critically appraise clinical practice guidelines.

Prerequisite(s): NUR 328 (or NUR 330), UA 155 (or UA 156)

University Honors

**NUR370 Rural Nursing**

Hours 1

This elective course introduces nursing students to the basics of rural nursing. Emphasis is placed on health issues specific to local, national and global rural communities and the importance of evidence-based practice strategies in resolving rural health disparities.

**NUR371 Rural Nursing Honors**

UH

Hours 1

This elective course introduces nursing students to the basics of rural nursing. Emphasis is placed on health issues specific to local, national and global rural communities and the importance of evidence-based practice strategies in resolving rural health disparities.

University Honors

**NUR372 Prof Nursing Practice-Adults**

Hours 8

This required course focuses on actions designed to detect and intervene in actual or potential health problems in adults and to determine actions that will ameliorate or reduce the consequences of adult disease through support or rehabilitation. Clinical experiences are designed to develop skills for early detection, diagnosis, and treatment of acute and chronic health problems in adults and prevention of further disability. (Theory and laboratory).

Prerequisite(s): [(NUR 315 AND NUR 316) OR NUR 324] AND NUR 326 AND NUR 309

**NUR374 Prof Nurs Pract Mental Health**

Hours 4

This required course focuses on theory, concepts, and management functions essential to professional nursing. Essential skills are therapeutic communication in mental health, identification of practice issues, interprofessional collaboration, evaluation of outcomes, and the application of evidence-based practice models. Actions will be taken to participate in quality improvement by ameliorating or reducing the consequences of mental health problems. These essential skills are designed to provide quality care while improving the mental health of persons and preventing further disability. (Theory and Laboratory).

Prerequisite(s): [(NUR 315 AND NUR 316) OR NUR 324] AND NUR 326 AND NUR 309

**NUR418 Prof Nurs Pract Childbear Fami**

Hours 4

This required course focuses on the role of the nurse in providing holistic, patient-centered care to the childbearing family. The student will be given simple to complex situations in classroom, clinical and technological-based experiences, emphasizing evidence-based practice and quality improvement as members of an interdisciplinary team. A major focus will be the implementation of nursing care to childbearing families who are experiencing a normal maturational process as well as related acute/chronic health problems. (Theory and laboratory).

Prerequisite(s): (NUR 328 or NUR 330) and NUR 372 and NUR 374

**NUR419 Professional Nursing Practice Complex Client**

Hours 4

This synthesis course provides opportunities for the student to examine complex, acute and chronic health problems. Students will apply concepts from prerequisite and concurrent courses and use clinical reasoning thinking and decision-making skills to evaluate interventions to ameliorate or reduce health problems. Clinical activities will focus on nursing actions used to intervene in care of complex clients. The first portion of this course serves as a bridge from adult health and mental health nursing concepts into a holistic approach to caring for clients with complex and critical health problems.

Prerequisite(s): (NUR 328 OR NUR 330), NUR 372, NUR 374

**NUR420 Prof Nursing Practice-Children**

Hours 4

This course focuses on actions designed to detect and intervene in actual or potential health problems in children and to determine actions that will ameliorate or reduce the consequences of disease in children through support or rehabilitation. Students will develop skills in early detection and diagnosis of disease in children and treatment of acute and chronic health problems. (Theory and Laboratory).

Prerequisite(s): NUR 328 or NUR 330, and NUR 372 and NUR 374

**NUR422 Prof Nursing Pract Comm Health**

Hours 4

Community Health Nursing is a required course that focuses on the knowledge and skill competencies required for community/public health nursing practice. Educational and clinical experiences are community-based, community oriented and population focused. Health promotion, risk reduction and management, and disease prevention for individuals, families, and populations in community settings are emphasized. The course also emphasizes knowledge and practice of illness and disease management in non-institutional environments. (Theory and laboratory).

Prerequisite(s): NUR 418 and NUR 419 and NUR 420

**NUR423 Transition to Professional Nursing Practice**

Hours 1

This course will pull together challenging concepts to better prepare the BSN graduate to transition into professional nursing practice. It will focus on team assessment, priorities and characteristics of a leader, time management, empowerment, change, personal growth, relationship management, and problem solving.

Prerequisite(s): NUR 418, NUR 419, NUR 420

**NUR431 Advanced Cardiac Life Support**

Hours 1

The purpose of this elective course is to provide students with an opportunity to participate in an American Heart Association approved ACLS provider course. The course is designed for healthcare providers who either direct or participate in the management of acute cardiopulmonary arrest or other cardiovascular emergencies. Through didactic instruction and interactive participation in simulated case studies, students will be able to enhance their skills in the recognition and intervention of cardiopulmonary arrest, immediate post-cardiac arrest, acute arrhythmia, stroke, and acute coronary syndromes (ACS).

Prerequisite(s): NUR 419

**NUR449 Community Health For RNs**

Hours 5

Community Health Nursing is a required course taught online that focuses on the knowledge and skill competencies required for community/public health nursing practice. Educational and experiential learning experiences are community-based, community-oriented, and population-focused. Health promotion, risk reduction and management, and disease prevention for individuals, families, and populations in community settings are emphasized. The course also emphasizes the knowledge and practice of illness and disease management in non-institutional environments. (Theory and Experiential Learning Experiences).

Prerequisite(s): NUR 319 and NUR 348, or with departmental approval

**NUR455 Leadership & Management Roles**

Hours 5

This online course focuses on leadership theory and management functions essential to professional nursing. The application of leadership and management principles through completion of a leadership project comprises the experiential learning experience for the course. Synthesis of concepts basic to organizational and systems leadership, including quality improvement, nurse-sensitive indicators, and patient safety, are explored. (Theory and Experiential Learning Experiences).

Prerequisite(s): NUR 319; and NUR 348; and NUR 329; and NUR 449 or with departmental approval

**NUR460 Honors Research Seminar/Practicum II**

UH

Hours 2

This is the third course in a three-semester series that emphasizes the role of research in nursing and health care. In this third and last course, students will complete their research projects under supervision of their faculty mentor and course instructor. Final data collection and data analysis will be performed if not previously accomplished. Major foci for this course are interpretation and dissemination of study findings. Class discussions will address such issues as how to create a research poster, presenting a clear and concise podium research presentation, and writing for publication. Students will write a manuscript for consideration in peer-reviewed journal or other publications.

Prerequisite(s): NUR 360

University Honors

**NUR465 Complex Client Sys RNs**

Hours 5

This online synthesis course provides opportunities for the registered nurse student to examine complex acute and chronic health problems. Students will apply concepts from prerequisite and concurrent courses and use clinical reasoning and decision-making skills to evaluate interventions to ameliorate or reduce health problems. Activities will focus on nursing actions used to intervene in the care of complex clients. Experiential Learning experiences are embedded to validate physical assessment and clinical reasoning using avatars in the virtual simulation environment. (Theory and Experiential Learning Experiences).

Prerequisite(s): NUR 319; and NUR 348; and NUR 329; and NUR 449 or departmental approval

**NUR473 Professional Nursing Practice: Leadership**

Hours 6

This required course focuses on leadership theory and management functions essential to professional nursing. Essential skills are communication, interprofessional collaboration, negotiation, delegation, coordination, evaluation of interdisciplinary work, and the application of evidence-based practice models. Clinical experiences focus on enactment of the professional nurse role in a concentrated practicum. Leadership and management principles and clinical judgment skills are applied as students enhance direct care delivery skills, critical thinking and decision-making. (Theory and laboratory).

Prerequisite(s): NUR 418, NUR 419, NUR 420

**NUR474 Professional Nursing Practice: Leadership-Honors**

*UH*

Hours 6

This required course focuses on leadership theory and management functions essential to professional nursing. It serves as a capstone honors course for the traditional BSN nursing program. Essential skills are communication, interprofessional collaboration, negotiation, delegation, coordination, evaluation of interdisciplinary work, and the application of evidence-based practice models. Clinical experiences focus on the enactment of the professional nurse role in a concentrated practicum which requires a culmination of knowledge and skill while in the nursing program. Leadership and management principles and clinical judgment skills are applied as students enhance direct care delivery skills, critical thinking, and decision-making. For Nursing students enrolled in the Honors College, this course can fulfill the Honors Capstone requirement but requires negotiation with the faculty of the course, and approval of the Honors College, to determine the criteria for earning honors credit in addition to other course requirements. Examples of projects that meet Honors Capstone requirements might include a scholarly paper on a chosen topic, data collection and graphic reports on the leadership project topic, and/or a leadership/management problem analysis on the clinical unit. (Theory and laboratory).

Prerequisite(s): NUR 418, NUR 419, NUR 420

University Honors

**NUR475 Preparation For Licensure**

Hours 1

This synthesis course provides opportunities for students to assess individual knowledge acquisition and to implement strategies to ameliorate deficiencies and maximize learning with faculty assistance. Students will have the opportunity to use individual, group, and technology-based methods to facilitate critical thinking and problem solving using hypothetical client situations. Students also will complete the licensure application process. (Theory).

Prerequisite(s): NUR 418 and NUR 419 and NUR 420