### UNDERGRADUATE COURSES IN NURSING

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Name</th>
<th>Credits</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>NUR102</td>
<td>Freshman Compass: Nursing</td>
<td>1</td>
<td>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).</td>
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<tr>
<td>UH</td>
<td>Freshman Compass: Nursing (Honors)</td>
<td>1</td>
<td>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.</td>
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<tr>
<td>NUR104</td>
<td>Liv Learning Prof Nursing Prac</td>
<td>2</td>
<td>This elective course focuses on awareness of education of nursing majors at The University of Alabama Capstone College of Nursing and the profession of nursing. Students have the opportunity to learn about The University of Alabama campus, the Capstone College of Nursing and the profession of nursing. Activities will be included to promote students’ development of relationships with other nursing students and other students in Harris Hall. This course, which is known as a compass course, will point you in the right direction, much as a compass would. (Theory).</td>
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<tr>
<td>NUR203</td>
<td>Cultural Expeditions in Healthcare</td>
<td>1</td>
<td>This is an interprofessional interim course where students receive a hands-on experience with different aspects of culture including an overnight field-trip to a replica of a third world global village. Course participants will be required to stay out of town 1 night during the 2 week course. Developing team values that respect all cultures and foster productive team relationships will be fostered. Hands on experience with appropriate technology for community development will be offered. There will be an additional $75 fee to cover the overnight expenses.</td>
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<tr>
<td>NUR225</td>
<td>Immersion in Spanish Language and Healthcare</td>
<td>3</td>
<td>This course will provide students with a culturally rich immersion opportunity, integrating language studies with health care issues and concepts through another country’s perspective. Family home stays are an integral part of this course. The lessons will occur on Monday through Friday, for five weeks. Visits to a health center, a hospital, a rehabilitation center, and other visits related to the health profession are included. Additionally, two in class conferences will be held on the medical system in Navarre/Spain. The course takes place in Pamplona, Spain, a medium size city, and capital of the Region of Navarra. Pamplona is located in Northern Spain close to the border of France and is famous for its San Fermin festivals. Additional activities include several excursions around the region including: a medieval castle in Olite, a tapas tour, 3 full-day excursions on Saturdays, a visit to the Guggenheim Museum, and a trip to the South of France and San Sebastian.</td>
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<tr>
<td>NUR301</td>
<td>Palliative Care in Nursing</td>
<td>2</td>
<td>This is an elective undergraduate nursing course. The focus of this course is to build a knowledge base in palliative care nursing and symptom management. By exploring common topics in palliative care, such as, symptom management, pain management, and communication, the student will develop skills to better manage patients as they near end-of-life. The course will use online technology that will include integration of videos, prerecorded lectures, and discussion boards. The student will work independently within course modules.</td>
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<tr>
<td>NUR302</td>
<td>Introduction to Women’s Health Disparities</td>
<td>3</td>
<td>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.</td>
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<tr>
<td>NUR305</td>
<td>Human Pathophysiology</td>
<td>3</td>
<td>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).</td>
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<td>NUR305 Human Pathophysiology</td>
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Prerequisite(s): Admission to the Upper Division of The Capstone College of Nursing

Prerequisite(s): NUR 305 and NUR 307 and NUR 310

Prerequisite(s): Admission to Nursing Upper Division
**NUR307 Medication Calculation**  
Hours 1

This course is designed to facilitate the students’ development of those skills necessary to properly calculate medication dosages and to prepare the student for the Medication Calculation Mastery Exam. Emphasis is placed on those cognitive skills necessary to perform the calculations correctly. (Theory).

Prerequisite(s): Admission to Nursing Upper Division

**NUR308 Conceptual Foundations Prof Nu**  
C  
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. A passing grade in writing proficiency is required for a passing grade in this 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): CS 102, Foreign Language option or an additional lower division CS designated course such as CS 202 or CS 285 and admission to nursing upper division.

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

**NUR312 Clinical Internship**  
Hours 1-3

An elective clinical course that focuses on the further refinement of clinical and leadership skills. Students taking more than one semester hour will contract with the clinical faculty member for additional assignments. (Laboratory).

**NUR313 Special Topics**  
Hours 1-4

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

**NUR317 Indep Study In Nursing**  
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.

**NUR319 Nrsng 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.

Prerequisite(s): CS 102

Computer Science

**NUR320 Issues in the Care of Older Adults**  
Hours 3

This is a elective undergraduate nursing course. The focus of this course is to delve into multiple issues of concern for well and sick older adults and their families. By exploring the greatly varied expectations for well and complicated aging, the student will develop an appreciation for the vast array of issues affecting older adults and the multiple transitions they experience.

Prerequisite(s): NUR 305, NUR 307, NUR 308, NUR 309

**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 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 devise 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 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.
Prerequisite(s): NUR 324 NUR 326
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.
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.
Prerequisite(s): NUR 324 and NUR 326
University Honors, Writing

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
Writing

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 within this discipline is required for a passing grade in this course. (Theory).
Prerequisite(s) with concurrency: NUR 319
Writing

NUR350 Crit Think & Clin Judgment
Hours 2
This course provides opportunities for students to gain skills and knowledge on advanced clinical problem solving and decision making.
Prerequisite(s): NUR 324 and NUR 326 or permission of Assistant Dean for Undergraduate Programs
NUR360 Honors Research Seminar/Practicum I

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

NUR372 Prof Nursing Practice-Adults

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 324 and NUR 326

NUR373 Standardized Exam Success – Adult Health

This online self-paced course is required for Upper Division nursing students who are unsuccessful on two attempts of the NUR 372: Professional Nursing Practice – Adults HESI standardized specialty exam. This course focuses on correcting knowledge deficits related to the adult patient population. Remediation strategies are designed to assist the student to identify knowledge deficits, synthesize pertinent patient care information, and develop necessary critical thinking and clinical judgment skills to safely and effectively care for a mental health patient population. This course will also facilitate the student's preparation for future nursing standardized exams.

Prerequisite(s): NUR 372

NUR375 Standardized Exam Success – Mental Health

This online self-paced course is required for Upper Division nursing students who are unsuccessful on two attempts of the NUR 374: Professional Nursing Practice – Mental Health HESI standardized specialty exam. This course focuses on correcting knowledge deficits related to the mental health patient population. Remediation strategies are designed to assist the student to identify knowledge deficits, synthesize pertinent patient care information, and develop necessary critical thinking and clinical judgment skills to safely and effectively care for a mental health patient population. This course will also facilitate the student's preparation for success on future nursing standardized exams.

Prerequisite(s): NUR 374

NUR391 Emergency Room Nursing

This elective course focuses on chronic emergent and urgent interventions in actual and potential health problems of adults. Clinical experiences are designed to improved mastery of nursing psychomotor skills.

Prerequisite(s): NUR 372

NUR392 Introduction to Interprofessional Health Teams

This course introduces students to the Core Competencies of Interprofessional Practice including: Values/Ethics for Interprofessional Practice, Roles/Responsibilities, Interprofessional Communication and Teams and Teamwork. The course will include both classroom and online teaching approaches and will culminate with an interactive interprofessional simulation in the school of nursing simulation lab.

Prerequisite(s): NUR 372 and NUR 374 (for nursing students only) First and second years of medical school

NUR401 Palliative Care in Nursing

This is an elective undergraduate nursing course. The focus of this course is to build a knowledge base in palliative care nursing and symptom management. By exploring common topics in palliative care, such as, symptom management, pain management, and communication, the student will develop skills to better manage patients as they near end-of-life.

Prerequisite(s): NUR 305 NUR 307 NUR 308 NUR 309 or enrollment in RN-BSN program

NUR418 Prof Nurs Pract Childbear Fami

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
NUR420 Prof Nursing Practice-Children
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

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 328 or NUR 330) and NUR 372 and NUR 374

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 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 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 clinical 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 Laboratory).
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. (Theory).
Prerequisite(s): NUR 319; and NUR 348; and NUR 329; and NUR 449 or departmental approval

NUR471 Prof Nurs Pract 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.
Prerequisite(s): NUR 418 and NUR 420 and NUR 422

NUR473 Leadership Prof Nursing Practi
Hours 7
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 and NUR 420 and NUR 422
**NUR474 Honors Prof Nrsng Practice**

*UH*

Hours 7

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. The honors component of this course requires negotiation with faculty, and approval of the Honors College, to determine the criteria for any honors credit in addition to other course requirements. Examples 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 and NUR 420 and NUR 422

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 420 and NUR 422

**NUR479 Indep Study Licensure Prep**

Hours 1

This independent study 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 opportunity to use individual and technology-based methods to facilitate critical thinking and problem solving using hypothetical client situations. Students also will complete the licensure application process.

Prerequisite(s): NUR 471 and NUR 473

**NUR480 Ind Study: Lic Prep II**

Hours 1

This independent study course provides opportunities for students to assess individual knowledge acquisition and to implement strategies to ameliorate deficiencies and maximize learning with faculty assistance.

Prerequisite(s): NUR 479