## UNDERGRADUATE COURSES IN NURSING

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Name</th>
<th>Hours</th>
<th>Description</th>
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<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). Freshman Compass</td>
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<tr>
<td>FCMP</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). Freshman Compass</td>
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<tr>
<td>FCMP</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. NUR203 Cultural Expeditions in Healthcare</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. NUR225 Immersion in Spanish Language and Healthcare</td>
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<tr>
<td>NUR203</td>
<td>Cultural Expeditions in Healthcare</td>
<td>1</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. NUR301 Palliative Care in Nursing</td>
</tr>
<tr>
<td>NUR307</td>
<td>Medication Calculation</td>
<td>1</td>
<td>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). NUR307 Medication Calculation</td>
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<tr>
<td>NUR308</td>
<td>Conceptual Foundations Prof Nu W</td>
<td>2</td>
<td>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. NUR308 Conceptual Foundations Prof Nu W</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). NUR305 Human Pathophysiology</td>
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<tr>
<td>NUR309</td>
<td>Writing</td>
<td>1</td>
<td>This is an elective course. The focus of this course is 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</td>
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NUR309 Nursing Informatics

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).

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

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 an 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

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 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

NUR357 Health Care in Mexico
Hours 3
The purpose of this Summer Study Abroad course is to expose students in various disciplines to health care across the lifespan in Mexico. The course will focus on Mexican health care concepts, health care delivery, and health policy.

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 324 and NUR 326

NUR373 Standardized Exam Success – Adult Health
Hours 1
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 an adult patient population. This course will also facilitate the student’s preparation for success on future nursing standardized exams.
Prerequisite(s): NUR 372
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 324 and NUR 326

NUR375 Standardized Exam Success – Mental Health
Hours 1
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
Hours 3
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
Hours 2
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
Hours 3
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
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

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  
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

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

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 the 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