

# ALL UNDERGRADUATE COURSES - COLLEGE OF NURSING

## **NUR 125. Professional Concepts I. 1 credit. SP**

NUR 125 Professional Concepts I introduces concepts central to the role of the baccalaureate-prepared registered nurse. The course incorporates information related to current nursing practice roles including those of nursing students, nursing specialties, advanced practice nursing, and interprofessional roles. Students will be introduced to professional practice standards and the essential competencies associated with professional nursing. Students engage in initial personal and professional profile development in this course.

## **NUR 170. Caring for Yourself and Your Community. 3 credits. FA, SP**

This course introduces students to personal wellness and concepts of public health. It incorporates information about physical, mental, and social well-being and the impact this information has for personal wellness and wellness of the community. Students will explore their own identity, relationships, stress and wellness, goal setting, and decision making. CO: COM 101.

## **NUR 199. Directed Study in Nursing. 0-3 credits. FA, SP, SU**

This course is offered for Accelerated and Traditional students experiencing a disruption in NUR course progression. This course prepares students to demonstrate the foundational knowledge and skills necessary to safely advance in the program following a disruption in progression (exceptions: NUR courses accepted for transient study including NUR 200 and NUR 223 for Traditional students). P: IC.

## **NUR 200. Statistical Reasoning. 3 credits. FA, SP**

NUR 200 introduces nursing students to statistical reasoning using real data from healthcare related studies. The course will focus on the assumptions, and concepts behind common statistical techniques to give students a firm grasp of how and why statistics are used in healthcare. Each week will consist of both lecture and hands-on analysis using computer-based statistical tools. Satisfies Magis Designated Statistical Reasoning Course. P: One Magis Core Mathematical Reasoning course.

## **NUR 223. Nutrition. 2 credits. FA**

NUR 223 provides an overview of the principles and science of nutrition from a personal, consumer, prevention and medical nutrition therapy standpoint. P: So stdg.

## **NUR 227. Self-Care for Health Care. 1 credit.**

NUR 227 will focus on the development and implementation of key exercises/skills and tools that can be learned within a one hour per week format aimed at equipping nursing students with the ability to improve self-awareness, learn to self-regulate thoughts and emotions, reduce stress, promote resiliency, and appreciate the importance of positive psychology constructs including compassion, gratitude, and support. Participants will engage in in-class exercises, dialogue, watch videos and receive handouts to assist their practice. P: Soph, Jr. or Sr. Stdg and BSN or BSPMC student.

## **NUR 228. Lifespan Development. 3 credits. FA, SP**

This course is a broad overview of normal human development from the prenatal stage through older adulthood. Emphasis will be placed on understanding the individual in the context of the psychological, social, behavioral, cultural and spiritual environment. P: PSY 201; And one of: SOC 101, ANT 111, ANT 112, or ANT 113. If the student wishes to enroll in NUR 228 for the Spring, he or she must have Instructor Consent.

## **NUR 229. Foundational Concepts in Nursing & Health Assessment. 3 credits. SP, SU**

NUR 229 focuses on the knowledge, principles, and skills necessary to assess the physical, psychosocial, and functional status of clients at various stages of lifespan development using a concept-based approach. Foundational nursing and interprofessional concepts, principles, and skills that promote quality and safety outcomes in health care management are addressed. Emphasis is placed on the nurse's role in assessing, identifying, and describing expected findings and variances. Quality Safety Education for Nursing (QSEN), Interprofessional Education Collaborative (IPEC), Institute for Healthcare Improvement (IHI), and the Creighton Care Management Model are used to help students develop affective, cognitive, and psychomotor skills required to be effective members of the health care team. P: EXS 111, EXS 112, NUR 223, NUR 228, Department permission for summer; CO: NUR 230; P or CO: NUR 125.

## **NUR 230. Foundational Concepts in Nursing & Health Assessment Lab. 2 credits. SP, SU**

NUR 230 Foundational Concepts & Health Assessment in Nursing Practicum provides opportunities for students to apply assessment, foundational nursing, and interprofessional concepts learned within co-requisite courses. Emphasis is placed on developing basic skills, techniques, and foundational nursing concepts necessary to conduct a comprehensive health assessment and provide safe, quality patient care. (60 lab hours). CO: NUR 229.

## **NUR 235. Foundations and Health Assessment Concepts. 2 credits. FA, SP**

NUR 235 focuses on the knowledge, principles, and skills necessary to assess the physical, psychosocial, and functional status of clients at various stages of lifespan development using a concept-based approach. Foundational nursing and interprofessional concepts, principles, and skills that promote quality and safety outcomes in health care management are addressed. Emphasis is placed on the nurse's role in assessing, identifying, and describing expected findings and variances. Quality Safety Education for Nursing (QSEN), Interprofessional Education Collaborative (IPEC), Institute for Healthcare Improvement (IHI), and the Creighton Care Management Model are used to help students develop affective, cognitive, and psychomotor skills required to be effective members of the health care team. P: Admission to Accelerated Bachelor of Nursing program; Compliance Requirements completed; CO: NUR 236.

## **NUR 236. Foundations and Health Assessment Concepts Practicum. 1 credit. FA, SP**

NUR 236 provides opportunities for students to apply assessment, foundational nursing, and interprofessional concepts learned within co-requisite courses. Emphasis is placed on developing basic skills, techniques, and foundational nursing concepts necessary to conduct a comprehensive health assessment and provide safe, quality patient care. (45 practicum hours). P: Admission to Accelerated Bachelor of Nursing program; Compliance Requirements completed; CO: NUR 235.

**NUR 243. Care Management Concepts I. 5 credits. FA, SP**

NUR 243 introduces the use of the CUCON Care Management Model in promoting, protecting, restoring and maintaining health. Emphasis is placed on fundamental concepts and exemplars related to actual and potential health alterations across the lifespan and with diverse populations. P. NUR 235, NUR 236, NUR 250, NUR 341; CO: NUR 244; P or CO: NUR 258.

**NUR 244. Care Management Concepts Practicum I. 5 credits. FA, SP**

NUR 244 provides students the opportunity to apply the CUCON Care Management Model in promoting, protecting, restoring and maintaining health. Focus is on diverse populations across the lifespan with actual and potential health alterations. Proficiency with fundamental care management skills and technologies is acquired. Learning experiences will take place in a variety of acute, transitional, rehabilitation, long-term, and community-based settings. 225 practicum hours. P. NUR 235, NUR 236, NUR 250, NUR 341; CO: NUR 243; P or CO: NUR 258.

**NUR 250. Human Pathophysiology Concepts. 3 credits. FA, SP**

NUR 250 provides an overview of pathophysiological concepts across the lifespan. The course will define fundamental concepts, identify principles of health alterations, and provide an overview of common pathologies as well as the pathophysiological alterations related to body systems. It is designed for students with limited or no clinical experience. P. Admission to Accelerated Bachelor of Science in Nursing program; Compliance requirements completed. P or CO: NUR 235, NUR 236.

**NUR 252. Human Pathophysiology. 3 credits. SP, SU**

NUR 252 provides an overview and analysis of foundational human pathophysiological concepts and common health alterations/exemplars that occur across the lifespan. This course expands on knowledge gained from microbiology, anatomy and physiology, and chemistry. It is designed for students with limited or no clinical experience. P. EXS 111, EXS 112, CHM 111 or CHM 203/CHM 204, and MIC 141. P or CO: CHM 112 and CHM 113 OR CHM 203 and CHM 204; Admission to Nursing Program. Department permission required for summer enrollees and non-nursing majors.

**NUR 258. Population-Based Health I. 1 credit. FA, SP**

NUR 258 focuses on nursing care of individuals, families, aggregates, communities, and populations. Principles and practices of public health are discussed. Emphasis is placed on assessing factors that influence the health of populations and the use of evidence-based practices in the delivery of health promotion and disease prevention interventions for diverse populations. The role of the nurse as advocate for social justice is explored. P. NUR 235, NUR 236, NUR 250, NUR 341.

**NUR 312. Evidence Based Practice I. 3 credits. FA, SU**

NUR 312 addresses the development of beginning level skills in research utilization and critiquing health care research for purposes of quality and quality improvement. Emphasis is placed on clinical decision-making based on evidence exploration and integration of current scientific evidence, use of clinical reasoning, identification of client preferences, and assessment of available resources. Focus is placed on the analysis and synthesis of evidence to evaluate health care outcomes and answer a clinical question relevant to nursing practice and client-centered care. P. NUR 243, NUR 244; P or CO: NUR 323.

**NUR 323. Professional Concepts I: Leadership. 2 credits. FA, SU**

NUR 323 introduces concepts central to the role of the baccalaureate-prepared registered nurse. Students will learn about nursing scope and standards of practice, interprofessional practice, nursing specialties, and essential leadership competencies. The course emphasizes concepts foundational to resource allocation and utilization in managing the delivery of care, and integrates these concepts in the context of leadership roles in care management, clinical outcome improvement, and interprofessional collaboration. P. NUR 243, NUR 244; CO: NUR 312.

**NUR 331. Nursing Pharmacology. 3 credits. FA, SU**

NUR 331 provides students with a foundation of pharmacology. The course addresses pharmacodynamics and pharmacokinetic properties, therapeutic uses, adverse effects, contraindications, and basic nursing considerations for selected drug classifications. This course is designed for students with limited or no clinical experience. P or CO: NUR 252; Instructor consent for summer or Non-Nursing majors.

**NUR 338. Population-Based Health II. 1 credit. SP, SU**

NUR 338 Population-Based Health builds upon concepts from NUR 258 to integrate theory, knowledge, and skills from nursing, social sciences, and public health in meeting the health needs of individuals and families. Assessment skills are broadened to include families and communities using population-based, prevention-focused approaches. Emphasis is placed on understanding determinants of health, communicable disease and evidence-based practice from a population perspective. Health-related public policy, Public Health and healthcare systems are explored. P. NUR 243, NUR 244, NUR 258, NUR 323.

**NUR 339. Care Management Concepts I. 5 credits. FA**

NUR 339 introduces the use of the CUCON Care Management Model in promoting, protecting, restoring and maintaining health. Emphasis is placed on fundamental concepts and exemplars related to actual and potential health alterations across the lifespan and with diverse populations. P. Ethics course, NUR 252, NUR 229, NUR 230; CO: NUR 342; P or CO: NUR 331 or Department consent.

**NUR 341. Foundations of Pharmacology for Nursing. 3 credits. FA, SP**

NUR 341 provides students with a foundation of pharmacology. The course addresses pharmacodynamics and pharmacokinetic properties, therapeutic uses, adverse effects, contraindications, and basic nursing considerations for selected drug classifications. This course is designed for students with limited or no clinical experience. P. Admission to Accelerated Bachelor of Science in Nursing program; P or CO: NUR 235, NUR 250.

**NUR 342. Care Management Concepts Practicum I. 5 credits. FA**

NUR 342 provides students the opportunity to apply the CUCON Care Management Model in promoting, protecting, restoring and maintaining health. Focus is on diverse populations across the lifespan with actual and potential health alterations. Proficiency with fundamental care management skills and technologies is acquired. Learning experiences will take place in a variety of acute, transitional, rehabilitation, long-term, and community-based settings. (225 practicum hours) CO: NUR 339.

**NUR 343. Care Management Concepts II. 5 credits. SP, SU**

NUR 343 focuses on applying the Care Management Model in promoting, protecting, restoring and maintaining health in clients with increased complexity. Emphasis is placed on concepts and exemplars that demonstrate common episodic and chronic disease trajectories affecting diverse populations across the lifespan. P. NUR 243, NUR 244, NUR 312, NUR 323; CO: NUR 344; P or CO: NUR 338.

**NUR 344. Care Management Concepts Practicum II. 5 credits. SP, SU**

NUR 344 is designed to apply the Care Management Model in promoting, protecting, restoring and maintaining health with increasing complexity. Focus is on diverse populations across the lifespan with common episodic and chronic disease trajectories. Proficiency in skills and technologies used in the care of clients with acute and chronic alterations in health is acquired. Learning experiences will take place in a variety of settings including, but not limited to hospitals, long-term care settings, behavioral health, and community-based settings. P: NUR 243, NUR 244, NUR 323; CO: NUR 343; P or CO: NUR 338.

**NUR 346. Evidence-Based Practice I. 3 credits. FA**

NUR 346 addresses the development of beginning level skills in research utilization and critiquing health care research for purposes of quality and quality improvement. Emphasis is placed on clinical decision-making based on evidence exploration and integration of current scientific evidence, use of clinical reasoning, identification of client preferences, and assessment of available resources. Focus is placed on the analysis and synthesis of evidence to evaluate health care outcomes and answer a clinical question relevant to nursing practice and client-centered care. P: NUR 200 or equivalent, Junior standing or department consent; Instructor consent for non-nursing majors.

**NUR 348. Care Management Concepts II. 5 credits. SP**

NUR 348 focuses on applying the CUCON Care Management Model in promoting, protecting, restoring and maintaining health in clients with increased complexity. Emphasis is placed on concepts and exemplars that demonstrate common episodic and chronic disease trajectories affecting diverse populations across the lifespan. P: NUR 339, NUR 342, NUR 331, NUR 346; CO: NUR 349.

**NUR 349. Care Management Concepts Practicum II. 5 credits. SP**

NUR 349 gives students the opportunity to apply the CUCON Care Management Model in promoting, protecting, restoring and maintaining health with increasing complexity. Focus is on diverse populations across the lifespan with common episodic and chronic disease trajectories. Proficiency in skills and technologies used in the care of clients with acute and chronic alterations in health is acquired. Learning experiences will take place in a variety of settings including, but not limited to hospitals, long-term care settings, behavioral health, and community-based settings. (225 practicum hours) CO: NUR 348.

**NUR 357. Professional Concepts II. 2 credits. SP (Magis Designated Technology)**

NUR 357 introduces students to the concepts, principles, and practices of nursing leadership in complex organizations and systems. The course emphasizes concepts foundational to resource allocation and utilization in managing the delivery of care, and integrates these concepts in the context of leadership roles in care management, clinical outcome improvement, and interprofessional collaboration. Regulatory, financial, and healthcare policy influences on professional nursing practice will be introduced. Students engage in continued personal and professional profile development in this course. Satisfies Magis designated Technology. P: NUR 339, NUR 342, NUR 346. CO: NUR 348 and NUR 349.

**NUR 366. Population Health I. 2 credits. SP**

NUR 366 Population-Based Health I focuses on nursing care of individuals, families, aggregates, communities, and populations. Principles and practices of public health are discussed. Emphasis is placed on assessing factors that influence the health of populations and the use of evidence-based practices in the delivery of health promotion and disease prevention interventions for diverse populations. The role of the nurse as advocate for social justice is explored. P: NUR 346; Instructor consent for non-nursing majors.

**NUR 405. Nursing Undergraduate Research and Scholarship I. 1 credit. FA**

This supervised study course builds upon prior Evidence-Based Practice and Writing Across the Curriculum assignments as well as other academic experiences in partnership with a designed faculty member. Students will assist faculty partner with project or research in areas of nursing concern, with project implementation as applicable. Learning experiences may include but are not limited to: directed readings, seminar, presentations, and other activities designed to enhance the students' knowledge about diverse population. Student will work towards dissemination of the project as poster, podium, or manuscript with faculty partner. Dissemination is required in NUR 406, however, may occur here depending on project trajectory. P: NUR 200; Senior stdg.; CURAS concentration.

**NUR 416. Care Management Concepts III. 5 credits. FA**

NUR 416 focuses on applying the CUCON Care Management Model in promoting, protecting, restoring and maintaining health in clients with increasingly complex illness acuity and chronicity. Emphasis is placed on concepts and exemplars involving urgent or emergent, complex, and/or multi-system health alterations affecting diverse populations across the lifespan. Satisfies Magis: Designated Written Communication. P: NUR 348, NUR 349, NUR 357, Contemporary Composition; CO: NUR 417; P or CO: NUR 439.

**NUR 417. Care Management Concepts Practicum III. 5 credits. FA**

NUR 417 Practicum gives students the opportunity to apply the CUCON Care Management Model in promoting, protecting, restoring and maintaining health. Focus is on diverse populations across the lifespan with urgent or emergent, complex and/or multi-system health alterations. Proficiency with increasingly complex care management skills and technologies is acquired. Learning experiences will take place in a variety of settings including, but not limited to: acute and critical care areas, rehabilitation, and the community. (225 practicum hours). CO: NUR 416.

**NUR 421. Professional Concepts II: Policy and Advocacy. 2 credits. SU**

NUR 421 focuses on the nurse's professional responsibility in advocating policies that promote access, affordability, equity, safety, and social justice for diverse populations. Advocacy, activism, and leadership will be applied across spheres of influence: workplace/workforce, professional associations and advocacy groups, government, and the community. Content focuses on reciprocal relationships among society, health care organizations, and the nursing profession. P: NUR 323, NUR 343, NUR 344.

**NUR 436. Professional Concepts III: Transition to a Values-Based Profession. 2 credits. FA, SU**

NUR 436 facilitates transition from the student role to a values-based professional nursing role. The content focuses on the reciprocal ethical relationships between society, health care organizations, and the nursing profession. This course provides opportunities for students to appraise how professional nurses can consistently demonstrate core values related to nursing, care management, and health care. Political, legal, economic, ethical, social, cultural, and technologic influences on health care, and professional nursing practice are addressed. P: NUR 421.

**NUR 439. Population-Based Health Concepts II. 3 credits. FA**

NUR 439 Population-Based Health II builds upon the concepts from NUR 366 to integrate theory, knowledge, and skills from nursing, social sciences, and public health in meeting the health needs of populations. Principles of epidemiology and demographic measurement of populations and groups are applied to examine the distributive factors of health needs in populations. The CUCON Care Management process and evidence-based community/population models serve as frameworks in learning community health program planning process. Emphasis is placed on the nurse's role in community and systems level interventions, including advocacy, and social justice principles. Satisfies Magis: Intersections. P. NUR 366, NUR 346, NUR 348, NUR 349.

**NUR 443. Care Management Concepts III. 5 credits. FA, SP**

NUR 443 focuses on applying the CUCON Care Management Model in promoting, protecting, restoring and maintaining health in clients with increasingly complex illness acuity and chronicity. Emphasis is placed on concepts and exemplars involving urgent or emergent, complex, and/or multi-system health alterations affecting diverse populations across the lifespan. P. NUR 343, NUR 344, NUR 338; CO: NUR 444, P or CO: NUR 480.

**NUR 444. Care Management Concepts III Practicum. 5 credits. FA, SP**

NUR 444 is designed to apply the CUCON Care Management Model in promoting, protecting, restoring and maintaining health. Focus is on diverse populations across the lifespan with urgent or emergent, complex and/or multi-system health alterations. Proficiency with increasingly complex care management skills and technologies is acquired. Learning experiences will take place in a variety of settings including, but not limited to: acute and critical care areas, rehabilitation, and the community. 225 practicum hours. P. NUR 343, NUR 344, NUR 338; CO: NUR 443; P or CO: NUR 480.

**NUR 450. Evidence-Based Practice II. 1 credit. FA, SU**

NUR 450 provides students the opportunity to use research to support quality improvement initiatives and evidence-based practice. Students will develop and disseminate a proposal for an evidence-based practice project. P. NUR 312, NUR 443, NUR 444; CO: NUR 489; P or CO: NUR 436.

**NUR 475. Professional Concepts III. 3 credits. SP**

NUR 475 Professional Concepts III focuses on the nurse's professional identity, including the nursing responsibility in advocating policies that promote access, affordability, equity, and social justice for diverse populations. Advocacy, activism, and leadership will be applied across spheres of influence: workplace/workforce, professional associations and advocacy groups, government, and the community. Content focuses on reciprocal relationships among society, health care organizations and the nursing profession. P. NUR 357, NUR 416, NUR 417, NUR 439, NUR 476.

**NUR 476. Applied Nursing Ethics. 3 credits. FA**

NUR 476 identifies ethical issues in health care and distinguishes carefully among salient features of these problems' moral, social, legal, and political dimensions. Emphasis is placed on development of skill in conceptual analysis, critical thinking, moral reasoning, argumentation, and developing an ability to consider and articulate objections to a range of views. Satisfies Magis: Designated Ethics. P. Ethics course, NUR 339, NUR 342 or Department consent.

**NUR 477. Evidence-Based Practice II. 2 credits. SP**

NUR 477 provides students the opportunity to utilize research to support quality improvement initiatives and evidence-based practice. Students will develop and disseminate a proposal for an evidence-based practice project. Satisfies Magis: Designated Oral Communication. P. Magis Oral Communication, NUR 346; CO: NUR 483; P or CO: NUR 475.

**NUR 480. Population-Based Health III. 1 credit.**

NUR 480 builds upon the concepts from NUR 338 to apply theory, knowledge, and skills from nursing, social sciences, and public health in meeting the health needs of populations. Principles of epidemiology and demographic measurement of populations and groups are applied to examine the distributive factors of health needs in populations. The Care Management process and evidence-based community/population models serve as frameworks in learning community health program planning process. Emphasis is placed on the nurse's role in community and systems level interventions. P. NUR 343, NUR 344, NUR 338.

**NUR 483. Capstone Practicum. 7 credits. SP**

NUR 483 Capstone Practicum provides students with opportunities to synthesize professional nursing concepts and skills in a selected clinical setting and in simulated care scenarios with a focus on care management and clinical outcome improvement. The course emphasizes developing sound clinical decision-making skills and working effectively with the interprofessional team. Emphasis is also placed on transition to professional practice and NCLEX-RN exam preparation. (315 practicum hours). P. NUR 416, NUR 417, NUR 476; CO: NUR 477; P or CO: NUR 475.

**NUR 488. Directed Independent Study. 0.5-3 credits.**

Supervised study related to specific areas of nursing concern. Learning experiences include directed readings, seminar, presentations, classroom activities, and other assignments designed to enhance the students' knowledge and skill base in care management of diverse populations. This course will be graded with a letter grade (A-F).

**NUR 489. Capstone Practicum. 6 credits. FA, SU**

NUR 489 synthesizes professional nursing concepts and skills in a selected clinical setting and in simulated care scenarios with a focus on care management and clinical outcome improvement. The course emphasizes developing sound clinical decision-making skills and working effectively with the interprofessional team. Emphasis is also placed on transition to professional practice and NCLEX-RN exam preparation. 270 practicum hours. P. NUR 443, NUR 444; CO: NUR 450; P or CO: NUR 436.

**NUR 495. Directed Independent Study. 0.5-3 credits.**

Supervised study related to specific areas of nursing concern. Learning experiences include directed readings, seminar, presentations, practicum experiences and other activities designed to enhance the students' knowledge and skill base in care management of diverse populations. This course will be graded as "Satisfactory/Unsatisfactory".

**NUR 497. Independent Directed Research. 1-3 credits. FA, SP**

NUR 497 provides undergraduate student with an in-depth experience in the craft and practice of research and scholarship. Students are given the opportunity to explore research and scholarship in greater depth, and to develop the skills for independent scholarship within nursing. P. IC; Jr. Stdg.

**NUR 561. Definitions of Health - Implications for Care: Austria, Hungary and the United States. 3 credits. SU**

NUR 561 explores different understandings of health and how these influence perceptions of care and policies pertaining to public health and health care. Students will compare and contrast their own understandings, perceptions, and knowledge about health care and public health in the U.S. with those of diverse groups encountered during a two-week program in Austria and Hungary, providing them with a unique opportunity to explore innovative thoughts and approaches for public health and health care in the United States. P. Junior or Senior standing.



**NUR 571. Aligning Efforts for Health: Collaborative Models in West Africa. 3 credits. SU**

This course provides students with a theoretical basis and foundation for participation in a Faculty Led Program Abroad related to collaborative practice and community engagement in West Africa. Students will explore their understanding of sustainable approaches to global health initiatives that impact healthcare delivery and access in West Africa. Topics include sustainable global partnerships, clean water resources, common health metrics for measurement of health and disease, cultural approaches to health, environmental health, and health care access. The course culminates with a ten-day immersion experience in Western Africa. During this trip student will interact with West Africa hospital administrators, physicians, nurses, students, educators, patients, families, and community leaders to gain insight on the challenges of and required knowledge, skills, and attitudes needed for collaborative and sustainable global partnerships. Student will be expected to compare and contrast their previous understanding of healthcare systems and public health initiatives to experiences in West Africa. Knowledge gained will be applied to their own future collaborative practice and community engagement. P. To participate in this course, students are required to be working toward a health professions major.

**PMC 101. Fundamentals of Paramedicine. 4 credits. FA, SP, SU**

The Emergency Medical Technician (EMT) course is designed to provide students with the fundamental knowledge, skills, and practical experience required to respond to medical and traumatic emergencies and provide pre-hospital care. This comprehensive course covers a wide range of topics, including, ethical considerations, scene management, patient assessment, airway management, treatment modalities for sick and injured patients, including pediatrics, and geriatrics, equipping participants with the expertise to make rapid, life-saving decisions and deliver essential care to those in need. P. Basic Life Support Certification, IC.

**PMC 160. Out of Hospital Paramedicine for Nurses. 4 credits.**

Based upon the current national Emergency Medical Technician (EMT) Education Standards and Guidelines, the primary focus of an EMT is to provide basic emergency medical care and transportation for patients who access the emergency medical system. This course has been designed as an advanced placement course, recognizing the foundational medical knowledge and skills that nurses, physicians, and other healthcare professionals possess. Topics include emergency medical response systems; and a review of airway, respiration, and ventilation; cardiology and resuscitation; trauma; and medical emergencies to include pediatrics and obstetrics. Clinical skills will be reviewed with an emphasis on application and use of equipment and techniques in an out-of-hospital practice environment. Students are required to participate in field experience with various Paramedicine agencies. Successful completion of all course requirements satisfies eligibility requirements to complete the National Registry of EMTs, EMT level certification examination. P. Current unencumbered RN, LPN, MD, or DO license to practice within the US, CPR for Health Care Providers; Immunizations.

**PMC 213. Human Anatomy. 3 credits.**

Pre-pharmacy students will learn cellular, tissue, organ and system level anatomical structures, with emphasis on using anatomical knowledge as a foundation for pharmaceutical care. P. BIO 201/BIO 205 or BIO 202/BIO 206 (both preferred).

**PMC 215. Medical Terminology. 1 credit. (Same as OTD 215)**

Medical Terminology is a critical part of language and communication used by health care practitioners. This self directed course is designed for students planning a career in the health services and related fields. Course content includes a study of basic medical terminology. Students will construct and decipher terms using prefixes, suffixes, word roots, combining forms, special endings, plural forms, and abbreviations related to body systems, cavities, planes, and positions. Competency is evaluated throughout the semester through online testing.

**PMC 303. Introduction to Paramedicine. 2 credits.**

PMC 303 is designed to provide students with an overview of the field of para medicine and the vital role that paramedics play in the healthcare system. This introductory course serves as the foundation for integrating comprehensive knowledge of EMS systems; the safety and well-being of the paramedic; standard precautions for infectious diseases, including immunizations and personal protective equipment; medical legal aspects of EMS; and ethical considerations. Satisfies Magis Designated Technology and Designated Written Communication. P. Magis Contemporary Composition, PMC 101 or equivalent and Nationally Registered or State Licensed EMT, EXS 111.

**PMC 305. Advanced Patient Assessment. 2 credits. FA**

PMC 305, building on the foundational principles of basic patient assessment, is designed to equip paramedic students with the advanced skills and knowledge necessary to perform comprehensive patient assessments in diverse and challenging prehospital care settings. P. PMC 101 or equivalent and Nationally Registered or State Licensed EMT; EXS 111.

**PMC 307. Advanced Airway Management. 3 credits. FA**

PMC 307 is designed to prepare students with the knowledge and skills to effectively manage and secure the airways of critically ill or injured patients in diverse pre-hospital and emergency medical settings. Students will develop the ability to assess and recognize signs of airway compromise and respiratory distress and the skills to respond swiftly and appropriately. P. PMC 101 or equivalent and Nationally Registered or State Licensed EMT; EXS 111.

**PMC 309. Cardiology in Paramedicine. 3 credits. FA**

PMC 309 is designed to provide in-depth knowledge and practical skills necessary for managing a wide range of cardiac emergencies and conditions. It includes the interpretation and monitoring of ECG rhythms, including 12-lead ECGs. Defibrillation, synchronized cardioversion, and transcutaneous pacing will also be covered in this course. Additionally, this course will emphasize cardiac assessment, diagnostic techniques, and advanced life support interventions. P. PMC 101 or equivalent and Nationally Registered or State Licensed EMT; EXS 111.

**PMC 311. Paramedic Clinical Practicum I. 4 credits. FA**

PMC 311 is a foundational course designed to provide students with clinical learning experience in both of pre-hospital and in-hospital settings. This course combines both observational and field experiences to apply classroom knowledge in diverse clinical settings. P. PMC 101 or equivalent and Nationally Registered or State Licensed EMT; EXS 111.

**PMC 313. Paramedicine Pharmacology. 2 credits. FA**

PMC 313 will provide students with a foundational knowledge of pharmaceutical principles and their application in out-of-hospital emergency care. This course equips students with the knowledge and skills necessary to make informed, safe, and effective pharmacological decisions in the field. P. PMC 101 or equivalent and Nationally Registered or State Licensed EMT; EXS 111.

**PMC 315. Paramedic Lab I. 2 credits. FA**

PMC 315 is designed to equip paramedic students with the essential skills and knowledge needed to provide high-quality out-of-hospital emergency medical care. This course combines theoretical learning with hands-on practical experiences that align with the minimum skills competencies required by national standards. P. PMC 101 or equivalent and Nationally Registered or State Licensed EMT: EXS 111.

**PMC 317. Trauma Management in Paramed. 2 credits. SP**

PMC 317 is designed to prepare students with the essential knowledge and skills required to respond effectively to traumatic incidents and provide life-saving care to patients in critical conditions. This course will introduce a wide range of topics, including trauma systems; injury prevention programs; hemorrhage and shock; thoracic and abdominal trauma; musculoskeletal and soft tissue injuries; traumatic brain injury; facial, neck and spinal trauma, and multisystem trauma victims. Special considerations of pregnant, pediatric, geriatric, and cognitively impaired trauma patients is included. P. PMC 303, PMC 305, PMC 307, PMC 309, PMC 311, PMC 313, and PMC 315.

**PMC 319. Special Patient Populations. 2 credits. SP**

PMC 319 is designed to provide paramedic students with the specialized knowledge required to care for diverse and unique patient groups, including pediatric, geriatric, obstetric, and patients with various medical conditions and special circumstances. P. PMC 303, PMC 305, PMC 307, PMC 309, PMC 311, PMC 313, and PMC 315.

**PMC 320. AEMT Clinical Practicum. 0-1 credits.**

Clinical practicum will occur within hospitals and clinics under the direct supervision of physicians, nurses and paramedics. Students will participate in performing patient assessments and formulate plans of care, performing skills within the scope of practice of Advanced EMTs. P. DC.

**PMC 321. AEMT Field Internship. 0-2 credits.**

Field internship includes practical application of knowledge and skills learned as an Advanced EMT, under the direct supervision of paramedics, on an ambulance. Students will participate in performing patient assessments and formulate plans of care, performing skills within the scope of practice of Advanced EMTs. P. DC.

**PMC 323. Medical Emergencies. 5 credits. SP**

PMC 323 is designed to equip students with the knowledge, skills, and clinical acumen needed to effectively manage a wide range of medical emergencies. This course focuses on in-depth exploration, assessment, and intervention strategies for diverse medical conditions commonly encountered in prehospital and emergency care settings. P. PMC 303, PMC 305, PMC 307, PMC 309, PMC 311, PMC 313, and PMC 315.

**PMC 325. Paramedic Lab II. 2 credits. SP**

PMC 325 is an advanced level course designed to build upon the foundational skills and knowledge acquired in Paramedicine Lab I. This course introduces complex and challenging scenarios encountered in out-of-hospital emergency medical care. Through a combination of hands-on skill development, high-fidelity simulation, and critical thinking exercises, students will further develop their skills to manage a wide range of emergency situations. P. PMC 303, PMC 305, PMC 307, PMC 309, PMC 311, PMC 313 and PMC 315.

**PMC 327. Paramedic Clinical Practicum II. 4 credits. SP**

PMC327 is designed to provide students with hands-on experience in real-life emergency medical situations. Building upon the foundational knowledge and skills gained in Paramedic Clinical Practicum I, this course further develops the critical thinking, decision-making, and clinical competencies required for effective pre-hospital patient care. P. PMC 303, PMC 305, PMC 307, PMC 309, PMC 311, PMC 313, and PMC 315.

**PMC 409. Leadership in Paramedicine. 3 credits. FA, SP**

PMC 409 will equip students and practicing paramedics with the essential knowledge and skills as leaders in paramedicine and various other healthcare settings. This course aims to explore the multifaceted aspects of leadership, emphasizing the critical role of effective leadership in delivering quality patient care and fostering team cohesion. The curriculum integrates theoretical foundations with real-world scenarios, case studies, and interactive discussions to develop a comprehensive understanding of leadership within the context of paramedicine. P. PMC 425 or IC.

**PMC 413. Special Operations. 2 credits. SP**

PMC 413 prepares students for operational roles and responsibilities to ensure safe patient, public, and personal safety. Topics include principles of safely operating a ground ambulance, incident management, response to multiple casualty incidents, principles of triage, criteria for utilizing aeromedical response and transport, bioterrorism response, simple vehicle extrication, and hazardous materials awareness. P. PMC 303, PMC 305, PMC 307, PMC 309, PMC 311, PMC 313, and PMC 315.

**PMC 415. Assessment Based Management. 1 credit.**

This course encompasses several review sessions designed to prepare paramedic program students for final comprehensive and national certification examinations. Cognitive and psychomotor skills exams serve as summative capstone exams, requiring students to synthesize the information and skills learned throughout the program. P. DC.

**PMC 417. Evidence-Based Practice in Paramedicine. 3 credits. FA, SP**

PMC 417 will equip students and practicing paramedics with the essential knowledge and skills to integrate evidence-based practice (EBP) into their clinical decision-making processes. Students will explore the principles, methods, and practical applications of EBP in out of hospital care. The course will focus on the foundations of evidence-based practice, encompassing critical appraisal skills, research methodologies, and ethical considerations. Students will learn to critically analyze and apply the latest evidence from research studies, guidelines, and best practices in real-world scenarios, including examination of research methodologies relevant to paramedicine. P. PMC 425 or IC.

**PMC 418. Transition to Paramedicine Practice. 3 credits. SU**

PMC 418 will equip students with knowledge and critical thinking abilities necessary for integration into pre-hospital care. The content of this course focuses on the evolution from foundational emergency medical training to interdisciplinary collaboration, cultural competence, decision making, critical thinking, and patient-centered care responsibilities and challenges associated with the profession. P. PMC 317, PMC 413, PMC 319, PMC 323, PMC 325, and PMC 327; CO: PMC 425.

**PMC 421. Field Observation. 1 credit.**

Field observation provides paramedic students with the opportunity to participate in the delivery of emergency medical services at various field site affiliates. Students participate under the direct supervision of paramedics, and primarily function in an observational capacity. The performance of EMT level skills is expected, and the gradual progression to performing paramedic level skills begins. P. DC.

**PMC 423. Field Experience. 2 credits.**

Field experience provides paramedic students with the opportunity to participate in the delivery of emergency medical services at various field site affiliates. Students participate under the direct supervision of paramedics, taking a progressively more active role in functioning as an ALS member of the team. Paramedic level skills are performed and students are expected to demonstrate progress toward the ability to function as a team leader. P. DC.

**PMC 424. Clinical Practicum III. 2 credits.**

Clinical practicum includes an application of the knowledge and skills students learn in the classroom at various hospital and clinic affiliate sites. Students participate in patient care activities under the direct supervision of physicians, nurses, paramedics, therapists, and other healthcare professionals. Students will perform patient assessments, obtain medical histories, and assist in formulating plans of care, performing skills within the scope of practice of paramedics. Patient care areas include the emergency department, respiratory care, anesthesia services/OR, critical care units, pediatrics, labor and delivery, newborn nursery, and cardiac catheterization lab. P. DC.

**PMC 425. Paramedicine Capstone. 7 credits. SU**

PMC 425 is the capstone course of the paramedic curriculum, designed to provide students with the opportunity to apply their knowledge and skills in real-world paramedic settings serving in the role of team leader. Satisfies Magis Designated Oral Communication and Designated Technology. P. PMC 317, PMC 319, PMC 323, PMC 325, PMC 327, and PMC 413. CO: PMC 418.

**PMC 440. Paramedicine Educators. 3 credits.**

Theories and principles of learning and teaching including development of effective Paramedicine course objectives, lecture outlines, and examinations. Course includes introduction to use of DOT curricula and materials. P. PMC 101; Must be BLS Instructor. Must show EMT-B Certification or higher.

**PMC 450. Paramedic Certificate-to-Academic Transition I. 0-6 credits.**

This is an introductory transition course for paramedics that have been previously trained at other programs. Instruction in this course is individually designed based on the accreditation status of the instruction students have received at other programs, including the curriculum, clinical experience and history of licensure and certification. During this course, the faculty will conduct a comprehensive assessment of the student focusing on assuring that all students have the fundamental knowledge, affective and psychomotor skills necessary to progress to full entry-level competency and practice as a Nationally Registered and State-licensed Paramedic. May be repeated to a limit of 6 hours. P. DC.

**PMC 451. Paramedic Certificate-to-Academic Transition II. 0-6 credits.**

This is an intermediate level course that is intended to build on the fundamental knowledge and skills achieved in the PMC 450 Academic Transition I Course. Instruction in this course is intended to have the students achieve practice proficiency in all paramedic treatment modalities. May be repeated to a limit of 6 hours. P. PMC 450.

**PMC 452. Paramedic Certificate-to-Academic Transition III. 3-6 credits.**

This is an advanced level course that is designed for the paramedic that has achieved entry-level proficiency in all areas of paramedic practice. In this course, the concepts of evidence-based paramedic practice and evaluation of the practices, literature, concepts and theories related to field and clinical practices will be explored. Students that complete this course will be prepared to serve in PMC leadership positions with community services and regulatory agencies. May be repeated to a limit of 6 hours. P. PMC 451.

**PMC 455. Paramedic Clinical Transition I. 0-6 credits.**

This is an Introductory Clinical Course for Paramedics that have been trained at other programs. Fundamental clinical practice skills are assessed in laboratory settings and practical laboratory scenarios. Students that demonstrate fundamental knowledge, affective and psychomotor competencies will be scheduled for hospital and field experiences. May be repeated to a limit of 6 hours. P. DC.

**PMC 456. Paramedic Clinic Transition II. 0-6 credits.**

This is an Intermediate Clinical Course for Paramedics that have demonstrated competency in all psychomotor skills in laboratory, hospital and field settings. Students will be assigned to hospital and field clinical units with the goal of achieving psychomotor proficiency in all areas of field and hospital clinical skills. May be repeated to a limit of 6 hours. P. PMC 455.

**PMC 457. Paramedic Clinical Transition III. 3-6 credits.**

This is an Advanced Clinical Course for Paramedics that have demonstrated proficiency in all psychomotor skills in hospital and field settings. Students will be assigned to field and hospital rotations with the intent of demonstrating clinical proficiency and team leadership capabilities in all areas of hospital and field clinical practices. May be repeated to a limit of 6 hours. P. PMC 456.

**PMC 460. Paramedic Certification. 6 credits.**

Course designed to prepare the currently credentialed critical care health care professional for the assessment, care, transport, and communication requirements of the sick and injured in the out of hospital setting. While giving an active health care professional (R.N., M.D., D.O.) credit for their clinical and educational expertise, this course supplements and augments skills already gained to enable the participant to function as a valuable prehospital team member with both ground and air service programs. After successful completion, the participant will meet eligibility requirements to complete the National Registry credentialing examination for Paramedics. P. R.N., M.D., D.O., EMT-Basic certification; two years critical care experience, ACLS provider; trauma and pediatric course certificate.

**PMC 470. Management of Paramedicine Systems. 3 credits.**

Emphasis on knowledge, skills and abilities required of first-line managers of Paramedicine systems including personnel, operations and equipment. P. PMC 101.

**PMC 479. Special Topics in Paramedicine. 0-3 credits.**

Exploration and analysis of problems and topics in today's EMS environment. May be repeated to a limit of 12 hours. P. IC.

**PMC 480. Critical Care Paramedic. 6 credits.**

This course is designed to prepare paramedics to provide advanced critical care during inter-facility transports, including performing advanced clinical patient assessments and providing invasive care beyond the standard scope of advanced prehospital care. Includes modes of transport, flight physiology, barophysiology and transfer considerations, including safety, patient packaging and practice in a closely confined space), airway and ventilation management including surgical airways and ventilators, CPAP and BiPAP, thoracostomy, and chest drainage maintenance, central venous lines, expanded pharmacologic formulary, interpretation of laboratory data, 12-lead ECG interpretation, monitoring and maintaining an IABP, and hemodynamic monitoring. Instruction is provided in both didactic and clinical settings. P. DC, currently licensed paramedic with two years of active clinical experience or registered nurse with a minimum of one year critical care experience; current Healthcare Provider CPR and ACLS; Trauma course (PHTSL, BTLS, TNCC, OR TNATC); Pediatric course (PALS, PEPP, PPC, OR ENPC); AMLS recommended.

**PMC 493. Directed Independent Readings. 0-3 credits.**

May be repeated to a limit of six hours. P. DC.

**PMC 495. Directed Independent Study. 0-3 credits.**

May be repeated to a limit of six hours. P. DC.

**PMC 497. Directed Independent Research. 1-3 credits. FA, SP**

PMC 497 provides undergraduate student with an in-depth experience in the craft and practice of research and scholarship. Students are given the opportunity to explore research and scholarship in greater depth, and to develop the skills for independent scholarship within paramedicine. P. IC; Jr. Stdg.

**RSP 101. An Introduction to the Culture of Collegiate Life. 0.5,1 credits. FA**

This course introduces first-year students in the College of Arts and Sciences (CCAS) to life at Creighton University. In addition to the topics common to all 100-level RSP courses, students learn about the CCAS Ratio Studiorum, or plan of study, including the College's six learning objectives and degree requirements (major and minor). Assignments may include class discussion of a selected book that addresses aspects of self-exploration and self-discovery. The course is taught by a Faculty Preceptor, supported by a Decurion (a junior or senior personally invited by the Preceptor).

**RSP 102. An Introduction to the Culture of College Life. 1 credit. FA**

This course introduces first-year students in the College of Nursing to life at Creighton University. In addition to the topics common to all 100-level RSP courses, students learn about Nursing's Ratio Studiorum, or plan of study, including the College's Program Objectives and degree requirements. Assignments include class discussion of a selected book, read during the summer, that addresses aspects of self-exploration and self-discovery. The class is taught by a Faculty Preceptor, supported by a Decurion (usually a senior Nursing student personally invited by the Preceptor).

**RSP 103. An Introduction to the Culture of Collegiate Life. 1 credit. FA**

This course introduces first-year students in the Heider College of Business to life at Creighton University. In addition to the topics common to all 100-level RSP courses, students learn about the College's Ratio Studiorum, or plan of study, including the College's six learning objectives and degree requirements (major and minor). Course readings and class discussions focus on concepts of leadership and the College's leadership development program. The course is taught by a Faculty Preceptor, supported by a Decurion (an upperclassman personally invited by the Preceptor).

**RSP 104. Introduction to the Culture of Collegiate Life. 0.5 credits. FA**

This course introduces first-year students in the Honors Program of the College of Arts and Sciences to life at Creighton University. In addition to the topics common to all 100-level RSP courses, Honors students learn about the CCAS Ratio Studiorum, or plan of study, including the College's six learning objectives and degree requirements (major and Honors Program). Assignments may include class discussion of a selected book that addresses aspects of self-exploration and self-discovery. The course is taught by a Faculty Preceptor, supported by a Decurion (a junior or senior personally invited by the Preceptor).

**RSP 105. Introduction to the Culture of Collegiate Life. 1 credit. FA, SP**

This course introduces transfer students in the College of Arts and Sciences and Heider College of Business to life at Creighton University. In addition to the topics common to all 100-level RSP courses, transfer students learn about their respective College's Ratio Studiorum, or plan of study, including its learning objectives or goals and its degree requirements. Assignments may include class discussion of a selected book that addresses aspects of self-exploration and self-discovery. The course is taught by a Faculty Preceptor, supported by a Decurion (usually a former transfer student personally invited by the Preceptor).

**RSP 110. Student Support Svcs Lab. 0 credits.**

This non-credit lab serves as a co-curricular component for first-year students enrolled in the University's Student Support Services program. In conjunction with the students' RSP course, RSP 110 allows for further development of the non-cognitive skills necessary for the transition to college life.