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## The College of Nursing and Health Professions

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## Accounting Courses

### ACCT 215S - ACCOUNT & BUDGET FOR HEALTH PR

Health-sciences administration elective or open elective. Introduces accounting theory and terminology with basic application approaches toward budgeting, set-up of office accounting systems and computer approaches to account systems.

Credits: 3.00

College: Nursing & Health Professions

Department: Health Services Administration

## Addiction Counseling Sciences Courses

### ADCS 322S - THEORY & PRACTICE OF COUNSELIN

Surveys major counseling theories with emphasis upon study and practice of basic counseling competencies. Topics include: comparative theory, relationship building, effective use of helping skills, and individualizing approaches to specific needs.

Credits: 3.00

College: Nursing & Health Professions

Department: CNHP - Addictions Counseling

### ADCS 342S - FOUND OF BEHAVIORAL HLTH CARE

Introduces historical and current contexts of program components that comprise community-based behavioral health systems. Topics include: work-force roles; regulatory policies and practices; federal, state, and county programs; advocacy; and managed care.

Credits: 3.00

College: Nursing & Health Professions

Department: CNHP - Addictions Counseling

### ADCS 344S - MULTICULTURAL COUNSELING PERSP

Explores diverse cultural approaches to valuing and utilizing community behavioral health services. Topics include: ethnic, gender and lifestyles differences, adaptive assessment and intervention methods, community resource building, and client rights legislation.

Credits: 3.00

College: Nursing & Health Professions

Department: CNHP - Addictions Counseling

### ADCS 360S - BEHAVIORAL DISORDERS

Clinical characteristics and diagnostic features of psychiatric disorders are reviewed within the contexts of community-based treatment approaches. Topics include: etiological models, differences in symptom expressions, psychiatric medications, and functional assessment.

Credits: 3.00

College: Nursing & Health Professions

Department: CNHP - Addictions Counseling

### ADCS 362S - ETHICS & PROF RESPONSIBILITY

Using a variety of case examples, this course explores ethical standards and the components of professional conduct. Topics include: codes of various health care professions, legal considerations, client rights, boundary issues, and decision-making models.

Credits: 3.00

College: Nursing & Health Professions

Department: CNHP - Addictions Counseling

### ADCS 364S - LIFE-SPAN HUMAN DEVELOPMENT

Introduces theories and research regarding physical, development from birth through advanced old age. Topics include: perception, environmental influences, gender roles, spirituality, motivation, life styles, and psychiatric disorders.

Credits: 3.00

College: Nursing & Health Professions

Department: CNHP - Addictions Counseling

### ADCS 402S - COGNITIVE-BEHAV COUNSELING I

Introduces theories and clinical applications of cognitive-behavioral therapies. Topics include: behavior therapy and cognitive therapy principles, engaging and educating clients, structuring goals, strategies and techniques, contingency contracting, motivation, and ongoing assessment.

Credits: 3.00

College: Nursing & Health Professions

Department: CNHP - Addictions Counseling

Pre-Requisites: BCS 336S Minimum Grade: C or ADCS 322S Minimum

Grade: C

### ADCS 406S - SENIOR CASE SEMINAR

Students will develop and demonstrate competencies in clinical case formulation and analysis through independently selected case studies. Topics include: integration of case history information in analysis, presenting case reviews, assessing treatment progress, and aftercare planning.

Credits: 3.00

College: Nursing & Health Professions

Department: CNHP - Addictions Counseling

Restrictions:

Must be enrolled in one of the following Major(s):

Addictions Counseling

Behavioral Counseling Sciences

### ADCS 410S - GROUP COUNSELING I

Introduces theories, principles, and practices of group counseling. Topics include: group dynamics, group process, ethical and professional issues, types of groups, leadership styles, group entry and exit transitions, and assessing group outcomes.

Credits: 3.00

College: Nursing & Health Professions

Department: CNHP - Addictions Counseling

Pre-Requisites: BCS 336S Minimum Grade: C or ADCS 322S Minimum

Grade: C

### ADCS 440S - SENIOR PRACTICUM

Provides placement in a clinical training site to work with professionals one day per week while expanding areas of addictions counseling knowledge, skills, and attitudes.

Credits: 3.00

College: Nursing & Health Professions

Department: CNHP - Addictions Counseling

Restrictions:

Must be enrolled in one of the following Major(s):

Addictions Counseling

Behavioral Counseling Sciences

Anatomy Courses

#### **ANAT 534S - NEUROANATOMY/NEUROPHYSIOLOGY**

Introduces the fundamentals of neural mechanisms involved in the peripheral and central nervous systems.

Credits: 2.00

College: Nursing & Health Professions

Department: Health Sciences

Restrictions:

Must be enrolled in one of the following Major(s):

Art Therapy

Dance/Movement Therapy

Music Therapy

### **Astronomy Courses**

#### **ASTR 321S - ASTRONOMY**

Credits: 4.00

College: Nursing & Health Professions

Department: Health Sciences

### **Behavior Counseling Sciences Courses**

#### **BCS 355S - CLINICAL CASE SEMINAR I**

Involves clinical training students in concurrent weekly seminars that integrate fieldwork and classroom learning. Students' case presentations, drawn from their clinical training sites, provide a basis for discussing case formulation, the counseling relationship, treatment strategies, and professional practice issues.

Credits: 2.00

College: Nursing & Health Professions

Department: CNHP - Behavioral Counseling

Restrictions:

May not be enrolled in one of the following Major(s):

Addictions Counseling

Behavioral Counseling Sciences

Co-Requisites: BCS 395S

#### **BCS 356S - CLINICAL CASE SEMINAR**

Credits: 2.00

College: Nursing & Health Professions

Department: CNHP - Behavioral Counseling

Restrictions:

May not be enrolled in one of the following Major(s):

Addictions Counseling

Behavioral Counseling Sciences

Co-Requisites: BCS 396S

#### **BCS 395S - CLINICAL TRAINING I**

Provides students with the opportunity to develop and practice counseling support skills under professional supervision and to participate, as a contributing member of a treatment team, in a mental health care setting three days a week.

Credits: 9.00

College: Nursing & Health Professions

Department: CNHP - Behavioral Counseling

Restrictions:

May not be enrolled in one of the following Major(s):

Addictions Counseling

### **Behavioral Counseling Sciences**

#### **BCS 396S - CLINICAL TRAINING II**

Continues Training I to completion of 600 hours of clinical training for both semester of senior year.

Credits: 9.00

College: Nursing & Health Professions

Department: CNHP - Behavioral Counseling

Restrictions:

May not be enrolled in one of the following Major(s):

Addictions Counseling

Behavioral Counseling Sciences

### **Biology Courses**

#### **BIOL 092S - FUNDAMENTALS OF BIOLOGY**

A pre-college level course intended to prepare students for a college general biology course with emphasis on human biology.

Credits: 4.00

College: Nursing & Health Professions

Department: Health Sciences

### **Cardiovascular Perfusion Courses**

#### **CVPT 280S - PERFUSION TECHNOLOGY I**

Credits: 4.00

College: Nursing & Health Professions

Department: CNHP - Cardiovasc Perfusion

Restrictions:

Must be enrolled in one of the following Major(s):

Cardiovascular Perfusion Tech.

#### **CVPT 399 - REGISTERED FOR DEGREE ONLY**

Credits: 1.00

College: Nursing & Health Professions

Department: CNHP - Bachelor's Degree

#### **CVPT 399S - REGISTERED FOR DEGREE ONLY**

Credits: 1.00

College: Nursing & Health Professions

Department: CNHP - Bachelor's Degree

### **Chemistry Courses**

#### **CHEM 093S - FUNDAMENTALS OF CHEMISTRY**

Pre-college level course intended to prepare students for a general college chemistry course.

Credits: 4.00

College: Nursing & Health Professions

Department: Health Sciences

### **Coding Courses**

#### **CDNG 101S - PHYSICIAN PROC CODING I**

Credits: 3.00

College: Nursing & Health Professions

Department: Health Services Administration

### **CDNG 102S - PHYSICIAN PROCED. CODING II**

This course is a continuation of CDNG101 and is specifically designed with education slanted towards individuals in pursuit of Certified Procedural Coder (CPC) certification. Further emphasis will be placed on the principles and practices of Current Procedural Terminology (CPT) and International Classification of Disease -9th Revision-Clinical Modification (ICD-9-CM). This course is also Web-enabled. Prerequisite CDNG 101: (Physician Procedural Coding I)  
Credits: 3.00  
College: Nursing & Health Professions  
Department: Health Services Administration

### **CDNG 201S - PHYSICIAN PROC CODING I**

Credits: 3.00  
College: Nursing & Health Professions  
Department: Health Services Administration

### **CDNG 202S - PHYSICIAN PROC. CODING II**

Credits: 3.00  
College: Nursing & Health Professions  
Department: Health Services Administration  
Pre-Requisites: CDNG 201S

### **CDNG 203S - HOSPITAL BASED CODING I**

Part one of a two-part program. It is designed for those that have used or currently use ICD-9-CM and CPT coding manuals in their work and desire to sit for the American Academy of Professional Coder's (AAPC) Certified Professional Coder's (CPC-H) board exam or the American Health Information Management Association's (CCS) board exam. The student will learn principles of medical coding related to the coding for in-patient and out-patient hospital cases using the ICD-9-CM, CPT and HCPCS manuals.  
Credits: 3.00  
College: Nursing & Health Professions  
Department: Health Services Administration  
Pre-Requisites: CDNG 202S and CDNG 201S

### **CDNG 204S - HOSPITAL-BASED CODING II**

Part two of a two part program. It is designed for those that have used or currently use ICD-9-CM and CPT coding manuals in their work and desire to sit for the American Academy of Professional Coder's (AAPC) Certified Professional Coder's (CPC-H) board exam or the American Health Information Management Association's (CCS) board exam. The student will learn principles of medical coding related to the coding for in-patient and out-patient hospital cases using the ICD-9-CM, CPT and HCPCS manuals.  
Credits: 3.00  
College: Nursing & Health Professions  
Department: Health Services Administration  
Pre-Requisites: CDNG 203S

## **Communication Courses**

### **COM XXXS - COMMUNICATIONS ELECTIVE/REQ.**

Credits: 3.00

College: Nursing & Health Professions  
Department: Health Services Administration

## **Computer Studies Courses**

### **CMPS 125S - COMPUTER APPLICATIONS**

Provides an introduction to computer applications, including databases, word processing, spreadsheets, operating systems, and Internet.  
Credits: 3.00  
College: Nursing & Health Professions  
Department: Health Services Administration

### **CMPS 220S - INTRO COMPUTER PROGRAMMING**

Credits: 3.00  
College: Nursing & Health Professions  
Department: Health Services Administration

### **CMPS 305S - ADV COMP APPL HEALTH CARE PROF**

Requires utilization of the microcomputer in applications for management and research, such as systems design, spreadsheets, database management, and Web applications. (Also offered as a Web course.)  
Credits: 3.00  
College: Nursing & Health Professions  
Department: Health Services Administration  
Pre-Requisites: CMPS 125S Minimum Grade: C

### **CMPS XXXS - COMPUTER STUDIES ELECTIVE/REQ.**

Credits: 3.00  
College: Nursing & Health Professions  
Department: Health Services Administration

## **Education Courses**

### **EDU 095S - STUDY SKILLS**

Focuses on the development of effective study skills for academic achievement.  
Credits: 1.00  
College: Nursing & Health Professions  
Department: Health Services Administration

### **EDU 096S - PREP FOR SAT**

Offers instruction on standardized test-taking strategies in preparation for the Scholastic Aptitude Test (SAT).  
Credits: 1.00  
College: Nursing & Health Professions  
Department: Health Services Administration

### **EDU 100S - CAREER DEVELOPMENT**

Social-science elective or open elective. Explores the scope of career opportunities and career awareness, together with providing job-search techniques, resume-preparation skills, and interview strategies.  
Credits: 1.00  
College: Nursing & Health Professions  
Department: Health Services Administration

### **EDU 326S - TEACHING-LEARNING PROCESS**

Humanities elective or open elective. Develops a basic understanding of the theoretical concepts of the teaching-learning process and places these concepts within the applied context of the health care environment.

Credits: 3.00

College: Nursing & Health Professions

Department: Health Services Administration

### **EDU 330S - LITERACY-EDUCATION PRACT/SEMIN**

Equips the students to understand the characteristics of the populations with which they will be working as health care professionals through teaching materials to those with lesser skills.

Credits: 3.00

College: Nursing & Health Professions

Department: Health Services Administration

### **EDU 521S - THE ADULT LEARNER LABORATORY**

Laboratory component of EDUC 520.

Credits: 1.00

College: Nursing & Health Professions

Department: Health Services Administration

## **English Courses**

### **ENGL 097S - FUNDAMENTALS OF ENGLISH**

Offers supplementary training for students whose written expression is insufficient for Composition and Literature I.

Credits: 3.00

College: Nursing & Health Professions

Department: Health Services Administration

### **ENGL 098S - FUNDAMENTALS OF READING**

Provides a structured approach to improving reading and vocabulary skills by means of exercises designed to increase reading speed and comprehension.

Credits: 3.00

College: Nursing & Health Professions

Department: Health Services Administration

### **ENGL 101S - COMPOSITION & LIT I**

Examines English as a medium of communication with constant practice in writing clear and expressive prose and with a focus on the research paper. The relationship between clear thinking and effective writing is emphasized, as well as research and bibliographic techniques and skills.

Credits: 3.00

College: Nursing & Health Professions

Department: Health Services Administration

### **ENGL 102S - COMPOSITION & LIT II**

Provides further instruction in expository writing, while also serving as an introduction to poetry, prose fiction, and drama.

Credits: 3.00

College: Nursing & Health Professions

Department: Health Services Administration

Pre-Requisites: ENGL 101S Minimum Grade: C

### **ENGL 201S - TECHNICAL WRITING**

Examines techniques used in the preparation and presentation of effective technical documents for career-related purposes. Emphasis is placed on the mastery of various modes of professional writing.

Credits: 3.00

College: Nursing & Health Professions

Department: Health Services Administration

### **ENGL 206S - DRAMA AS LITERATURE**

Examines from a literary standpoint selected dramatic works of ancient Greek to contemporary playwrights.

Credits: 3.00

College: Nursing & Health Professions

Department: Health Services Administration

Pre-Requisites: ENGL 101S Minimum Grade: C

### **ENGL 208S - 20TH-CENTURY AMERICAN LITERATURE**

Explores recent movements and changing literary forms in selected works of twentieth-century American poets, dramatists, novelists, and short-story writers.

Credits: 3.00

College: Nursing & Health Professions

Department: Health Services Administration

Pre-Requisites: ENGL 101S

### **ENGL 212S - THE ART OF PROSE FICTION**

Provides a survey of the major forms of prose fiction: the short story, the novella, and the novel.

Credits: 3.00

College: Nursing & Health Professions

Department: Health Services Administration

### **ENGL 303S - WORLD LITERATURE**

Provides an overview of various writers and literary forms from ancient to contemporary times.

Credits: 3.00

College: Nursing & Health Professions

Department: Health Services Administration

Pre-Requisites: ENGL 101S Minimum Grade: C and ENGL 102S

Minimum Grade: C

### **ENGL 310S - MORALITY IN LITERATURE**

Explores literature as the tool used to help us understand our own and others' perceptions of and attitudes towards death; grief; the afterlife, and other relevant aspects of mortality.

Credits: 3.00

College: Nursing & Health Professions

Department: Health Services Administration

### **ENGL 311S - SHAKESPEARE**

Examines works selected from the comedies, tragedies, histories, romances, and the sonnets of this "classic" writer.

Credits: 3.00  
College: Nursing & Health Professions  
Department: Health Services Administration

### **ENGL 313S - HUMANITIES & SCIENCES IN LITER**

Examines selected literary works dealing with the long-standing relationship between the humanities and science in terms of their impact on each other and on societies past and present.

Credits: 3.00  
College: Nursing & Health Professions  
Department: Health Services Administration  
Pre-Requisites: ENGL 101S Minimum Grade: C and ENGL 102S  
Minimum Grade: C

### **ENGL 325S - LITERATURE & PSYCHOLOGY**

Explores the psyche under stress through a study of literary characters labeled "mad" by society and those able to disguise their internal imbalances. (Also offered as a Web course.)

Credits: 3.00  
College: Nursing & Health Professions  
Department: Health Services Administration  
Pre-Requisites: ENGL 101S Minimum Grade: C and ENGL 102S  
Minimum Grade: C

### **ENGL XXXS - ENGLISH ELECTIVE/REQ.**

Credits: 3.00  
College: Nursing & Health Professions  
Department: Health Services Administration

### **Family Therapy Courses**

#### **FMTH 520S - HISTORY & SOCIOCULT INFLUENCE**

Introduces students to an examination of the family in a broader social context and to the sociocultural concepts that define the context of human experience.

Credits: 3.00  
College: Nursing & Health Professions  
Department: CNHP - Family Therapy  
Restrictions:  
Must be enrolled in one of the following Major(s):  
Couple and Family Therapy  
Family Therapy

### **Fine Arts Courses**

#### **FINA 101S - ART HISTORY TO 1350**

Presents a survey of art-architecture, painting, and sculpture-from Ancient Egypt through the Gothic period.

Credits: 3.00  
College: Nursing & Health Professions  
Department: Health Services Administration

#### **FINA 102S - ART HISTORY SINCE 1350**

Presents a survey of art-architecture, painting, and sculpture-from the Renaissance to the present.

Credits: 3.00  
College: Nursing & Health Professions  
Department: Health Services Administration

#### **FINA 201S - THE HISTORY AND ART OF MUSIC**

Presents an overview of music from the Middle Ages to the present in terms of influential composers and the development of musical forms and styles, instruments, and groups, as well providing an introduction to basic music theory.

Credits: 3.00  
College: Nursing & Health Professions  
Department: Health Services Administration

### **General Health Sciences Educ. Courses**

#### **GENH 099S - INTRODUCTION TO HEALTH SCIENCE**

Credits: 4.00  
College: Nursing & Health Professions  
Department: Health Services Administration

#### **GENH 999S - TERM ACTIVATOR**

Credits:  
College: Nursing & Health Professions  
Department: Health Services Administration

### **Health Science & General Stud Courses**

#### **HLSC 101S - PHYSICIAN PROCED. CODING I**

This course provides the student with a basic understanding of the knowledge and skills essential in determining from medical records and other relevant sources the appropriate assignment of codes for physician billing. Emphasis will be placed on the principles and practices of the International Classification of Disease Modification and Current Procedural Terminology.

Credits: 3.00  
College: Nursing & Health Professions  
Department: Health Services Administration

#### **HLSC 102S - PHYSICIAN PROCED. CODING II**

This course is a continuation of HLSC101 and is specifically designed with education slanted toward individuals in pursuit of Certified Procedural Coder (CPC) certification. Further emphasis will be placed on the principles and practices of Current Procedural Terminology (CPT) and International Classification of Diseases -9th Revision-Clinical Modification (ICD-9-CM) This course is also web-enabled.

Credits: 3.00  
College: Nursing & Health Professions  
Department: Health Services Administration  
Pre-Requisites: (HLSC 101S )

### **Health Services Administration Courses**

#### **HSAD 100S - MANAGEMENT**

Credits: 3.00  
College: Nursing & Health Professions  
Department: Health Services Administration

#### **HSAD 101S - MANAGEMENT**



Credits: 3.00  
College: Nursing & Health Professions  
Department: Health Services Administration

**HSAD 2155 - ACCOUNTING&BUDG HLTH PROF**

Credits: 3.00  
College: Nursing & Health Professions  
Department: Health Services Administration

**HSAD 800S - REGISTERED FOR DEGREE ONLY**

Credits: 1.00  
College: Nursing & Health Professions  
Department: Health Services Administration

## History Courses

**HIST 111S - HIST OF WEST CIV TO 1750**

Traces Western political, social, cultural institutions and religious and family life from ancient times to the beginning of the political, scientific, and industrial revolutions.  
Credits: 3.00  
College: Nursing & Health Professions  
Department: Health Services Administration  
Pre-Requisites: ENGL 101S Minimum Grade: C

**HIST 112S - HIST OF WEST CIV SINCE 1750**

Examines the history of Western civilization from the French Revolution to World War II in a global context.  
Credits: 3.00  
College: Nursing & Health Professions  
Department: Health Services Administration  
Pre-Requisites: ENGL 101S

**HIST 201S - HISTORY OF THE US TO 1865**

Examines political, social, and cultural developments of colonial and early national periods of America for the perspective these developments offer on contemporary issues in our national and personal lives.  
Credits: 3.00  
College: Nursing & Health Professions  
Department: Health Services Administration  
Pre-Requisites: ENGL 101S Minimum Grade: C

**HIST 202S - HISTORY OF THE US SINCE 1865**

Examines domestic, political, social, and cultural developments from the Civil War to World War II and the emergence of the United States as a world power in terms of the impact of these developments on contemporary American life.  
Credits: 3.00  
College: Nursing & Health Professions  
Department: Health Services Administration  
Pre-Requisites: ENGL 101S Minimum Grade: C

**HIST 203S - HISTORY OF SCIENCE**

Presents an overview of scientific thought from the ancient Greeks to the present with an emphasis on the interaction between science and social values.

Credits: 3.00  
College: Nursing & Health Professions  
Department: Health Services Administration  
Pre-Requisites: ENGL 101S Minimum Grade: C

**HIST 204S - THE AMERICAN CIVIL WAR:1861-18**

Examines not only the military implications and personalities of the Civil War, but also the social, cultural, and political ideologies that both caused the war and exist as legacies today.  
Credits: 3.00  
College: Nursing & Health Professions  
Department: Health Services Administration  
Pre-Requisites: ENGL 101S Minimum Grade: C

**HIST 206S - CONTEMP AMER HIST: 1945-PRESEN**

Examines the post-World War II rise of America to superpower status, the domestic movements for social change, and the conservative responses from a historical perspective and in terms of these events' links to contemporary issues.  
Credits: 3.00  
College: Nursing & Health Professions  
Department: Health Services Administration  
Pre-Requisites: ENGL 101S Minimum Grade: C

**HIST 211S - CONTEMP WORLD HIST: 1945-PRESE**

Examines contemporary world events in their historical context through current newspapers, literature, and post-World War II trends toward nationalism, economic development, and international conflicts.  
Credits: 3.00  
College: Nursing & Health Professions  
Department: Health Services Administration  
Pre-Requisites: ENGL 101S Minimum Grade: C

**HIST 240S - THE AMERICAN WOMAN**

Traces women's roles as health care providers and recipients from traditional to contemporary times, as well as examining current issues affecting women's health both from a historical and cross-cultural perspective.  
Credits: 3.00  
College: Nursing & Health Professions  
Department: Health Services Administration  
Pre-Requisites: ENGL 101S Minimum Grade: C

## Humanities and Social Sciences Courses

**HUSS 100S - CAREER DEVELOPMENT**

Credits: 1.00  
College: Nursing & Health Professions  
Department: Health Services Administration

**HUSS 105S - ETHICS AND SOCIETY**



Addresses the relationship between individuals and society through an analysis of contemporary social issues, such as justice, political obligations, and privacy versus public good, pornography and censorship, and violence and capital punishment.

Credits: 3.00

College: Nursing & Health Professions

Department: Health Services Administration

Pre-Requisites: ENGL 101S Minimum Grade: C

### **HUSS 106S - THE PRINCIPLES OF DEMOCRACY**

Examines the concept and practice of democracy through use of a chronological survey and from the perspective of the humanities and social sciences.

Credits: 3.00

College: Nursing & Health Professions

Department: Health Services Administration

Pre-Requisites: ENGL 101S Minimum Grade: C

### **HUSS 313S - SCIFI:TECHNOLOGY'S CRITIC&MUSE**

Science fiction has long played the role as critic of science and technology, and society's use thereof. This course is designed to use science fiction as a means to discuss cutting edge issues in technology and society. Students will read science fiction stories and critical essays on topics related to the stories and view a few relevant films. The stories and issues are discussed with an emphasis on critiquing the strengths and weaknesses of the author's and students and the role of various types of media in shaping public opinion.

Credits: 3.00

College: Nursing & Health Professions

Department: Health Services Administration

Pre-Requisites: ENGL 101S

### **HUSS 315S - PHILOSOPHY OF FILM**

Credits: 3.00

College: Nursing & Health Professions

Department: Health Services Administration

Pre-Requisites: ENGL 101S Minimum Grade: C

### **HUSS 320S - THE ADULT LEARNER**

Examines current theory on how and why adults learn and provides educational strategies to facilitate life-long learning. (Also offered as a Web course.)

Credits: 3.00

College: Nursing & Health Professions

Department: Health Services Administration

### **HUSS 326S - TEACHING-LEARNING PROCESS**

Credits: 3.00

College: Nursing & Health Professions

Department: Health Services Administration

### **HUSS 330S - LITERACY-EDUCATION PRACT/SEMIN**

Credits: 3.00

College: Nursing & Health Professions

Department: Health Services Administration

## **Humanities, General Courses**

### **HUM 202S - A SURVEY OF THE ARTS**

Provides criteria and methodologies for interpreting and evaluating the various art forms and for understanding our responses to these forms.

Credits: 3.00

College: Nursing & Health Professions

Department: Health Services Administration

Pre-Requisites: ENGL 101S Minimum Grade: C

### **HUM 220S - CLASSICAL MYTHOLOGY**

Credits: 3.00

College: Nursing & Health Professions

Department: Health Services Administration

### **HUM 300S - READINGS IN HUMANITIES**

Allows the highly qualified and motivated junior or senior with a specialized interest in a period, topic, or individual relevant to humanistic development of civilization and culture to pursue this interest through nonclassroom independent study. The student is responsible for seeking an appropriate instructor who is available to supervise this study.

Credits: 1.00 to 6.00

College: Nursing & Health Professions

Department: Health Services Administration

### **HUM 309S - IMAGES OF ART IN LIT&OTHER ART**

Focuses on stages of aging from youth through old age, as they are portrayed in literature and in other arts.

Credits: 3.00

College: Nursing & Health Professions

Department: Health Services Administration

### **HUM 315S - PHILOSOPHY OF FILM**

Credits: 3.00

College: Nursing & Health Professions

Department: Health Services Administration

### **HUM 800S - REGISTERED FOR DEGREE ONLY**

Credits: 1.00

College: Nursing & Health Professions

Department: Health Services Administration

### **HUM XXXS - HUMANITIES ELECTIVE/REQ.**

Credits: 3.00

College: Nursing & Health Professions

Department: Health Services Administration

## **Management Courses**

### **MGMT 101S - MANAGEMENT**

Introduces management theory and applications related to personnel relations, group functions, and management skills, including

transactional analysis, time management, and labor relations. (Also offered as a Web course.)

Credits: 3.00

College: Nursing & Health Professions

Department: Health Services Administration

#### **MGMT 390S - LABORATORY MANAGEMENT**

Credits: 3.00

College: Nursing & Health Professions

Department: Health Services Administration

#### **MGMT XXXS - MANAGEMENT ELECTIVE/REQ.**

Credits: 3.00

College: Nursing & Health Professions

Department: Health Services Administration

### **Master of Lab Animal Science Courses**

#### **MLAS 546S - SPECIAL TOPICS IN ANATOMY**

Cross listed course given concurrently with students from other programs. This course is mostly human oriented. MLAS students who have gone on to veterinary school have commented on how valuable it was. It provides a systemic review of the entire body. Human prosections are included in the course work.

Credits: 4.00

College: Biomedical Graduate Studies

Department: Grad - Lab Animal Science

Restrictions:

Must be enrolled in one of the following Program Level(s):

Graduate Semester

Must be enrolled in one of the following Major(s):

Laboratory Animal Science

### **Mathematics Courses**

#### **MATH 094S - FUNDAMENTALS OF MATH**

Intended for students who need to review mathematics concepts. Topics include whole numbers, fractions, decimal fractions, signed numbers, simple algebraic equations, and word problems that incorporate the concepts of ratio, proportion and percent.

Credits: 3.00

College: Nursing & Health Professions

Department: Health Sciences

### **Medical Science Preparatory Courses**

#### **MSPP 400S - ADVANCED TOPICS IN CHEMISTRY I**

This review course in general and organic chemistry will contain a review of chemical calculations and theory in topics such as stoichiometry, gas laws, thermodynamics, electrochemistry, equilibria, and pH. Atomic theory and bonding will also be reviewed. The semester ends with a discussion of the stereochemistry of organic molecules.

Credits: 4.00

College: College of Medicine

Department: Medical Science

Restrictions:

Must be enrolled in one of the following Program Level(s):

Graduate Semester

Must be enrolled in one of the following Major(s):

Medical Science Preparatory

#### **MSPP 401S - ADV TOPICS IN CHEMISTRY II**

This review course in organic chemistry will investigate reaction mechanisms, spectroscopy, qualitative organic chemistry, and laboratory techniques.

Credits: 4.00

College: College of Medicine

Department: Medical Science

Restrictions:

Must be enrolled in one of the following Program Level(s):

Undergraduate Semester

Must be enrolled in one of the following Major(s):

Medical Science Preparatory

#### **MSPP 402S - ADVANCED TOPICS IN PHYSICS I**

Credits: 4.00

College: College of Medicine

Department: Medical Science

Restrictions:

Must be enrolled in one of the following Program Level(s):

Undergraduate Semester

Must be enrolled in one of the following Major(s):

Medical Science Preparatory

#### **MSPP 403S - ADVANCED TOPICS IN PHYSICS II**

Credits: 4.00

College: College of Medicine

Department: Medical Science

Restrictions:

Must be enrolled in one of the following Program Level(s):

Undergraduate Semester

Must be enrolled in one of the following Major(s):

Medical Science Preparatory

#### **MSPP 500S - ADVANCED TOPICS IN CHEMISTRY I**

This review course in general and organic chemistry will contain a review of chemical calculations and theory in topics such as stoichiometry, gas laws, thermodynamics, electrochemistry, equilibria, and pH. Atomic theory and bonding will also be reviewed. The semester ends with a discussion of the stereochemistry of organic molecules.

Credits: 4.00

College: College of Medicine

Department: Medical Science

Restrictions:

Must be enrolled in one of the following Major(s):

Medical Science Preparatory

#### **MSPP 501S - ADV TOPICS IN CHEMISTRY II**

This review course in organic chemistry will investigate reaction mechanisms, spectroscopy, qualitative organic chemistry, and laboratory techniques.

Credits: 3.00

College: College of Medicine

Department: Medical Science

Restrictions:

Must be enrolled in one of the following Major(s):

Medical Science Preparatory

**MSPP 503S - ADVANCED TOPICS IN PHYSICS I**

This review course in physics will cover the classical mechanics (statics and dynamics) including wave motion, fluid statics and dynamics, and classical thermodynamics. The second semester will contain topics from classical electromagnetism including DC and AC electronic. Geometrical and physical optics, including interference phenomena, as well as modern physics will also be covered. With all topics, biological and medical examples will be given in order to demonstrate the universality of physical laws.

Credits: 4.00

College: College of Medicine

Department: Medical Science

Restrictions:

Must be enrolled in one of the following Major(s):

Medical Science Preparatory

**MSPP 504S - ADVANCED TOPICS IN PHYSICS II**

This review course in physics will cover the classical mechanics (statics and dynamics) including wave motion, fluid statics and dynamics, and classical thermodynamics. The second semester will contain topics from classical electromagnetism including DC and AC electronics. Geometrical and physical optics, including interference phenomena, as well as modern physics will also be covered. With all topics, biological and medical examples will be given in order to demonstrate the universality of physical laws.

Credits: 3.00

College: College of Medicine

Department: Medical Science

Restrictions:

Must be enrolled in one of the following Major(s):

Medical Science Preparatory

**Mental Health Sciences Courses**

**MHSC 301S - PSYCHIATRIC REHAB PRINCIPLES**

Reviews basic principles, models, and practice competencies associated with psychiatric rehabilitation theory and research. Topics include: professional values and attitudes, clubhouses, supported education, vocational rehabilitation, skills training, twelve-step programs, and psycho-education models.

Credits: 3.00

College: Nursing & Health Professions

Department: CNHP - Behavioral Counseling

Pre-Requisites: MHSC 336S Minimum Grade: C and MHSC 358S

Minimum Grade: C

**MHSC 333S - GROUP PROCESS & PSYCHOTHERAPY**

Introduces theories, principles, and practices of group counseling. Topics include: group dynamics, group process, ethical and professional issues, types of groups, leadership styles, group entry and exit transitions, and assessing group outcomes.

Credits: 3.00

College: Nursing & Health Professions

Department: CNHP - Behavioral Counseling

Pre-Requisites: MHSC 336S Minimum Grade: C

**MHSC 336S - THEORY AND PRACTICE OF COUNSELING**

Surveys major counseling theories with emphasis upon study and practice of basic counseling competencies. Topics include: comparative theory, relationship building, effective use of helping skills, and individualizing approaches to specific needs.

Credits: 3.00

College: Nursing & Health Professions

Department: CNHP - Behavioral Counseling

**MHSC 337S - FAMILY FOCUSED INTERVENTIONS**

Credits: 3.00

College: Nursing & Health Professions

Department: CNHP - Behavioral Counseling

Pre-Requisites: MHSC 352S Minimum Grade: C and MHSC 358S

Minimum Grade: C

**MHSC 344S - MULTICULTURAL COUNSEL PERSPECT**

Explores diverse cultural approaches to valuing and utilizing community behavioral health services. Topics include: gender and lifestyle differences, adaptive assessment and intervention methods, community resource building, and client rights legislation.

Credits: 3.00

College: Nursing & Health Professions

Department: CNHP - Behavioral Counseling

**MHSC 351S - COGNITIVE BEHAVIOR COUNSELING**

Introduces theories and clinical applications of cognitive-behavioral therapies. Topics include: behavior therapy and cognitive therapy principles, engaging and educating clients, structuring goals, strategies and techniques, contingency contracting, motivation, and ongoing assessment.

Credits: 3.00

College: Nursing & Health Professions

Department: CNHP - Behavioral Counseling

Pre-Requisites: MHSC 336S Minimum Grade: C

**MHSC 352S - LIFE-SPAN HUMAN DEVELOPMENT**

Introduces theories and research regarding physical, psychological, and social influences on human development from birth through advanced old age. Topics include: perception, environmental influences, gender roles, spirituality, motivation, lifestyles, and psychiatric disorders.

Credits: 3.00

College: Nursing & Health Professions

Department: CNHP - Behavioral Counseling

**MHSC 355S - CLINICAL CASE SEMINAR I**

Involves clinical training students in concurrent weekly seminars that integrate fieldwork and classroom learning. Students' case presentations, drawn from their clinical training sites, provide a basis for discussing case formulation, the counseling relationship, treatment strategies, and professional practice issues.

Credits: 2.00

College: Nursing & Health Professions

Department: CNHP - Behavioral Counseling

Restrictions:

Must be enrolled in one of the following Major(s):

Addictions Counseling

Behavioral Counseling Sciences

Co-Requisites: MHSC 395S

### **MHSC 356S - CLINICAL CASE SEMINAR II**

Continues MHSC 355.

Credits: 2.00

College: Nursing & Health Professions

Department: CNHP - Behavioral Counseling

Restrictions:

Must be enrolled in one of the following Major(s):

Addictions Counseling

Behavioral Counseling Sciences

Co-Requisites: MHSC 396S

### **MHSC 360S - BEHAVIORAL DISORDERS**

Clinical characteristics and diagnostic features of psychiatric disorders are reviewed within the contexts of community-based treatment approaches. Topics include: etiological models, differences in symptom expressions, psychiatric medications, and functional assessments.

Credits: 3.00

College: Nursing & Health Professions

Department: CNHP - Behavioral Counseling

### **MHSC 363S - CRISIS & BRIEF INTERVENT COUNS**

Covers effective crisis and brief intervention counseling skills for use in community-based behavioral health settings. Topics include: working with violent, disruptive, or suicidal clients; anger and stress management; reframing negative behaviors; goal setting; and teaching targeted coping strategies.

Credits: 3.00

College: Nursing & Health Professions

Department: CNHP - Behavioral Counseling

Pre-Requisites: ADCS 322S Minimum Grade: C and ADCS 342S

Minimum Grade: C or MHSC 336S Minimum Grade: C and MHSC 358S

Minimum Grade: C

### **MHSC 367S - FOUNDATIONS OF BEHAVIORAL HLTH**

Credits: 3.00

College: Nursing & Health Professions

Department: CNHP - Behavioral Counseling

### **MHSC 368S - GROUP COUNSELING**

Credits: 3.00

College: Nursing & Health Professions

Department: CNHP - Behavioral Counseling

### **MHSC 371S - ETHICS & PROFESSION RESPONSIBI**

Using a variety of case examples, this course explores ethical standards and the components of professional conduct. Topics include: codes of various health care professions, legal considerations, client rights, boundary issues, and decision-making models.

Credits: 3.00

College: Nursing & Health Professions

Department: CNHP - Behavioral Counseling

### **MHSC 390S - INDEPENDENT STUDY**

Students select a topic in consultation with a faculty advisor for independent study.

Credits: 1.00 to 3.00

College: Nursing & Health Professions

Department: CNHP - Behavioral Counseling

### **MHSC 391S - CHILD PSYCHOPATHOLOGY**

Credits: 3.00

College: Nursing & Health Professions

Department: CNHP - Behavioral Counseling

### **MHSC 392S - CHILD&ADOLESCENT SUPP SERVICES**

Credits: 3.00

College: Nursing & Health Professions

Department: CNHP - Behavioral Counseling

Pre-Requisites: MHSC 335S Minimum Grade: C and MHSC 358S

Minimum Grade: C

### **MHSC 395S - CLINICAL TRAINING I**

Provides students with the opportunity to develop and practice counseling support skills under professional supervision and to participate, as a contributing member of a treatment team, in a mental health care setting three days a week.

Credits: 9.00

College: Nursing & Health Professions

Department: CNHP - Behavioral Counseling

Restrictions:

Must be enrolled in one of the following Major(s):

Addictions Counseling

Behavioral Counseling Sciences

### **MHSC 396S - CLINICAL TRAINING II**

Continues MHSC 395.

Credits: 9.00

College: Nursing & Health Professions

Department: CNHP - Behavioral Counseling

Restrictions:

Must be enrolled in one of the following Major(s):

Addictions Counseling

Behavioral Counseling Sciences

### **MHSC 400S - PSYCHIATRIC REHAB COMPETENCIES**

Credits: 3.00

College: Nursing & Health Professions

Department: CNHP - Behavioral Counseling

## **Natural Sciences Courses**

### **NASC XXXS - NATURAL SCIENCE ELECTIVE/REQ.**

Credits: 3.00

College: Nursing & Health Professions

Department: Health Sciences

## **Neuroscience Courses**

### **NEUR 507S - NEUROSCIENCE**

This first part of a two-part series in Neuroscience introduces the physical therapy student to basic principles in neuroanatomy and neurophysiology with emphasis on the relevance to the professional curriculum. This course stresses the neuron, its physiological properties and the relationship to muscle contraction. Emphasis is placed on sensory and motor systems and their neuroanatomical relationship to each other. The physiological function of these systems and how they relate to motor control is also discussed.

Credits: 4.00

College: Nursing & Health Professions

Department: Health Sciences

## Nursing Courses

### **NURS 080S - COMMON EXAM FOR NURSING-ACE**

Ace Program weekly mandatory exam

Credits:

College: Nursing & Health Professions

Department: CNHP - Bachelor's Degree

### **NURS 092S - HOME HEALTH CARE BASICS**

Focuses on the concepts and attitudes fundamental to working with clients in their homes. The course will provide psychology and counseling, communication and reporting skills, disease prevention, health promotion, and social service agencies.

Credits: 3.00

College: Nursing & Health Professions

Department: CNHP - HEART

### **NURS 093S - HOME HEALTH CARE CLINICAL**

Focuses on the skills fundamental to working with clients in their homes. The course will include universal precautions, vital signs, nutrition, positioning and motor skills, medications, emergency procedures and daily living skills.

Credits: 3.00

College: Nursing & Health Professions

Department: CNHP - HEART

### **NURS 100S - NURSING IN SOCIETY**

Focuses on the nature of nursing as an introduction to professional nursing. The centrality to the therapeutic nurse-patient relationship is introduced. Nursing history, the experience of illness, nursing issues in the context of the overall American health care system, and the future role of the professional nurse are explored.

Credits: 3.00

College: Nursing & Health Professions

Department: CNHP - Bachelor's Degree

### **NURS 102S - HLTH PROM, TEACHING&SELF CARE**

Focuses on the principles of health promotion and disease prevention and the principles of health teaching. Emphasizes interventions at the level of individual, family, and small groups from interdisciplinary perspectives and those principles of health teaching that can be used in the promotion of health.

Credits: 3.00

College: Nursing & Health Professions

Department: CNHP - Bachelor's Degree

### **NURS 200S - PRINCIPLES OF NURSING PRACTICE**

Focuses on the concepts, skills, and attitudes fundamental to professional nursing practice within a framework of clinical decision-making. The course will emphasize critical thinking, the establishment of the therapeutic nurse-patient relationship, and the beginning development of the student to view the patient's adaptive responses to health and illness from a holistic perspective. Includes lab.

Credits: 3.00

College: Nursing & Health Professions

Department: CNHP - Bachelor's Degree

### **NURS 201S - HLTH ASSESSMNT ACROSS LIFESPAN**

Focus is on the development of interviewing skills, assessment of health status, and physical examination skills for the beginning nurse student. Patterns of health individuals will be examined and used as a reference point for assessment and health maintenance. The importance of therapeutic communication skills when performing health assessment and the assessment of cultural and socio-economic aspects of health will also be emphasized. Includes lab.

Credits: 3.00

College: Nursing & Health Professions

Department: CNHP - Bachelor's Degree

### **NURS 222S - NUTRITION I PRINCIPLES OF NUTR**

Credits: 3.00

College: Nursing & Health Professions

Department: CNHP - Bachelor's Degree

### **NURS 300S - COMPREHENSIVE ADULT NURSING I**

Focus is on the development of selected competencies for nursing care assessment and management of adults with predictable human responses to specific system alterations. Risk reduction, recovery, and rehabilitation of patients with selected disease processes and common clinical problems are addressed. Didactic medical-surgical content will focus on basic concepts foundation to biophysical and psychosocial adult health practice, pain management, fluids and electrolytes, endocrine, perioperative, respiratory, cardiovascular, peripheral vascular, oncologic, and hematologic systems.

Credits: 4.00

College: Nursing & Health Professions

Department: CNHP - Bachelor's Degree

### **NURS 301S - PHARMACOLOGY FOR NURSING I**

Introduces professional nursing students to the principles of pharmacology and drug therapies, pharmacologic-therapeutic classes of drugs, and important drug information resources. Focuses on pharmacology basics, drugs affecting the central nervous system, autonomic nervous system, and endocrine system. Legal, ethical, and cultural considerations in pharmacology and consideration of lifespan perspectives on medication administration will also be discussed.

Credits: 2.00

College: Nursing & Health Professions

Department: CNHP - Bachelor's Degree

### **NURS 303S - WOMEN'S HEALTH NURSING**

Focuses on the development of competencies for the nursing care management of childbearing families and health problems and

concerns that affect women. Emphasizes the nurse's role in health assessment, health promotion, and promotion of adaptive processes for the maternity patient and the promotion of women's health in general. Sociocultural, economic, political, and ethical factors that affect health promotion, disease prevention, and risk education for the childbearing family and women in general are examined. Selected women's health clinical settings will be used for clinical practice.

Credits: 4.00

College: Nursing & Health Professions

Department: CNHP - Bachelor's Degree

#### **NURS 304S - NURSING OF CHILDREN**

Focuses on the development of competencies for the nursing care management of children experiencing potential and actual alterations in health. An emphasis will be placed on the nurse's role in health assessment, health promotion, and promotion of adaptive processes for the child within the context of the family.

Credits: 4.00

College: Nursing & Health Professions

Department: CNHP - Bachelor's Degree

#### **NURS 305S - COMPREHENSIVE ADULT NURSING II**

Continuation of NURS 300. Focuses on the development of selected competencies for nursing care assessment and management of adults with predictable human responses to specific system alterations. Risk reduction, recovery, and rehabilitation of patients with selected disease processes and common clinical problems are addressed. Didactic medical-surgical content focuses on the gastrointestinal, renal, immunologic, integumentary, sensorineural, neurologic, musculoskeletal, male reproductive, and infectious disease systems.

Credits: 4.00

College: Nursing & Health Professions

Department: CNHP - Bachelor's Degree

#### **NURS 306S - PHARMACOLOGY FOR NURSING II**

Continuation of Pharmacology for Nursing I. Begins with a review of drug and dosage calculations. Focuses on drugs affecting the cardiovascular and renal systems, respiratory system, anti-infective and anti-inflammatory agents, immune and biologic modifiers and chemotherapeutic agents, gastrointestinal system and nutrition, and miscellaneous therapeutics including hematologic, dermatologic, ophthalmic, and otic agents.

Credits: 2.00

College: Nursing & Health Professions

Department: CNHP - Bachelor's Degree

#### **NURS 307S - NAVIGATING NURS NEW MILLENNIUM**

This brief course introduces a few basic leadership concepts and skills that will get the student started on what should be a lifelong exploration of leadership and its nuances. This course will also introduce the student to the wonders of online learning, its ease, flexibility and intimacy.

Credits: 1.00

College: Nursing & Health Professions

Department: CNHP - Bachelor's Degree

#### **NURS 308S - MENTAL HEALTH NURSING**

Focuses on the development of competencies necessary for the practice of mental health nursing with emphasis on the use of self in relationships with patients and health team members. An understanding of the brain-behavior connection and the importance of the therapeutic nurse-patient relationship will provide the framework for exploring the factors that contribute to stress, maladaptive behavior, and mental illness. Cross-cultural aspects of mental health and appropriate culturally relevant interventions will also be emphasized. Selected inpatient and outpatient mental health settings and agencies will be used for clinical practice.

Credits: 4.00

College: Nursing & Health Professions

Department: CNHP - Bachelor's Degree

#### **NURS 336S - ALT & COMPL HLTH INTERVTS**

This course is an introduction to the theoretical literature which investigates the efficacy of biotherapeutic interventions, alternative health care practices, and complementary therapies, which are broadly defined as biotherapeutic interventions. Any intervention aimed at biologic, psychologic, or spiritual healing may be termed "biotherapeutic." The context of the human illness experience is explored as an opportunity for nurses to recommend-and for patients to experience-traditional and nontraditional healing practices. Biotherapeutic modalities with applications for nursing and health care are also explored. An emphasis is placed on the role of the professional nurse in the delivery, teaching, and referral of biotherapeutic nursing interventions for clients seeking alternative and complementary health therapies.

Credits: 3.00

College: Nursing & Health Professions

Department: CNHP - Bachelor's Degree

#### **NURS 350S - INDEPENDENT STUDY**

The independent-study course affords the student the opportunity to explore an area of nursing interest. Students can focus on a clinical, professional, or health policy issue related to a particular content area. Faculty permission is required.

Credits: 1.00 to 6.00

College: Nursing & Health Professions

Department: CNHP - Bachelor's Degree

#### **NURS 355S - NURSING IN THE MEDIA**

Credits: 3.00

College: Nursing & Health Professions

Department: CNHP - Bachelor's Degree

#### **NURS 356S - STRESS& COPING: HLTH PERSPECT**

Credits: 3.00

College: Nursing & Health Professions

Department: CNHP - Bachelor's Degree

#### **NURS 400S - LEADERSHIP, MNGT, ENTREPRENEUR**

Focuses on the professional nurse's role in applying the principles of leadership and management in health care organizations across the continuum of care. The emerging role of the nurse entrepreneur and alternative roles for future professional practitioners will also be explored. Emphasis on the role of the professional nurse in efficient patient care management in complex health care settings as well.

Credits: 3.00

College: Nursing & Health Professions

Department: CNHP - Bachelor's Degree

#### **NURS 401S - COMPREHENSIVE ADULT NUSING III**

This course will focus on the development of selected competencies for nursing care assessment and management of adults with unpredictable and complex human responses to specific system alterations. This course will emphasize the assessment of functioning, adaption, and recovery for patients with high acuity illness and clinical problems. Selected high acuity care settings will be utilized for clinical practice.

Credits: 4.00

College: Nursing & Health Professions

Department: CNHP - Bachelor's Degree

#### **NURS 403S - COMMUNITY PUBLIC HLTH NURSING**

Focus is on the professional nurse's role in working with aggregates in the community. The student will reexamine the principles of health promotion as they form the bases for effective community health nursing practice. The student will then explore the role of the community health nurse working collaboratively with the community as part of an interdisciplinary team. Grounded in systems theory and informed by the concepts and principles of community health nursing, public health nursing, wellness, health promotion, and national goals, the student works with aggregates in the community setting. An introduction to conceptual frameworks that guide community-based, population focused practice and research is included in both the classroom and clinical portions of the course. The student uses skills in community assessment, program planning and practice interventions in helping identified populations within the community maintain their optimum level of health. Selected measures for evaluating outcomes of community health nursing programs are discussed. Contemporary public health problems encountered in community health nursing practice are explored. Selected community health and public health clinical agencies will be selected for clinical practice.

Credits: 4.00

College: Nursing & Health Professions

Department: CNHP - Bachelor's Degree

#### **NURS 404S - NURSING INFORMATICS**

Designed to examine computer technology and tools of the Internet and World Wide Web with a focus on the use of cyber technology and selected computer applications. The automation of data management through information systems, expert systems, and telecommunication, and the impact of these technologies on nursing administration, education, practice and research are addressed in the context of nursing informatics. Actual problem solving and mini-design projects on how computerization and automation can improve the efficiency of nursing care delivery.

Credits: 2.00

College: Nursing & Health Professions

Department: CNHP - Bachelor's Degree

#### **NURS 431S - WOMEN'S ISSUES ACROSS LIFE SPA**

This course focuses on the application of knowledge related to health alterations and other issues throughout the female life span.

Recognition is given to life events such as adolescence, adulthood, childbearing, and the aging process. Also discussed are health issues relevant to women, including AIDS and reproductive cancers. Body

image, stress, sexuality, infertility, parenting, and social pressures that affect women are examined. Students discuss and analyze the ethical and legal implications of women's issues.

Credits: 3.00

College: Nursing & Health Professions

Department: CNHP - Bachelor's Degree

#### **NURS 450S - CONTEMPORY GERONTOLOGICAL NURS**

Focus is on the nursing management of older adults. Contemporary theories of gerontology, theories of aging, physiological/psychological functioning, impact of developmental changes, illness, and dysfunction will be emphasized. The geriatric patient will be examined at various levels: healthy older adult, older adult at risk, and the older adult experiencing acute and chronic illness. Students' clinical experiences will be home health agencies, transitional, and long-term facilities.

Credits: 4.00

College: Nursing & Health Professions

Department: CNHP - Bachelor's Degree

#### **NURS 452S - NRS CON:GLOB HLTH&POL ISSUES**

Credits: 7.00

College: Nursing & Health Professions

Department: CNHP - Bachelor's Degree

#### **NURS 490S - MATERNAL/CHILD HEALTH**

With faculty supervision, the student plans a long-term project that will be implemented in NURS 491. This project will integrate the academic and practical knowledge the student has gained in the nursing curriculum. Examples of projects include: developing/implementing a teaching tool or a teaching plan, conducting a small clinical research study of evaluating data specific to management patterns that promote effective nursing care. Students will develop objectives relevant to the project, critique the literature and present a plan for implementation.

Credits: 3.00

College: Nursing & Health Professions

Department: CNHP - Bachelor's Degree

#### **NURS 492S - SENIOR SEMINAR IN NURSING**

Serves as a review of important concepts from the nursing curriculum. Students will focus on those concepts that they need to improve for the successful practice of professional nursing. Students will utilize the Nursing Technology Lab to review procedure practiced throughout the nursing curriculum and will use computerized testing to gauge their mastery of professional nursing content.

Credits: 2.00

College: Nursing & Health Professions

Department: CNHP - Bachelor's Degree

#### **NURS 504S - CASE MGMT IN MANAGED CARE**

Credits: 3.00

College: Nursing & Health Professions

Department: CNHP - Master's Degree

#### **NURS 505S - ADV PRACT HLTH POL ISS MAN CAR**

Addresses the changing health care arena. Focuses on the application of leadership, systems, change, managed care, management, and ethical theories in varied health care environments. Discussed issues



affecting advance practice. Explores the impact of managed care on the health care delivery system-locally, nationally, and globally. Also covers fiscal issues and their relationships to the legal and ethical aspects of care.

Credits: 3.00

College: Nursing & Health Professions

Department: CNHP - Master's Degree

#### **NURS 508S - IMPROV SYSTEM HEALTH PROMOTION**

This course addresses the health of populations from a systems perspective. Applying epidemiological concepts, students investigate the leading causes of illness and injury. Using a multilevel-intervention model, students plan and evaluate programs that address the leading health problems as identified in Healthy People 2010. Concepts and tools of continuous improvement serve as the foundation for health promotion efforts.

Credits: 3.00

College: Nursing & Health Professions

Department: CNHP - Master's Degree

#### **NURS 510S - THEORY AND RESEARCH I**

This is the first in the sequence of two research courses required in the graduate nursing program. It focuses on providing students with the fundamental skills needed to translate nursing problems into researchable questions and to design a methodologically sound study to address those questions. An underlying theme is the role of the advanced-practice nurse as decision maker. Commonly encountered research designs are contrasted and discussed with respect to appropriateness and validity and reliability issues. Critiques of published research focus on study methodology and design. Relationships among theory, research, and practice are explored, as are ethical considerations and problems frequently encountered when conducting research in health care settings. Other topics covered include data collection, selection of measurements, observational methods, self-report, and basic data analysis strategies.

Credits: 3.00

College: Nursing & Health Professions

Department: CNHP - Master's Degree

#### **NURS 511S - EPIDEMIOLOGY**

This course focuses on the concepts, principles, and uses of epidemiology and biostatistics in the analysis of determinates of health and disease. Population-based collection and analysis of health data and their relationship to the utilization of health services will be emphasized. Application of epidemiological methods to communicable and chronic diseases will be discussed and critically analyzed.

Credits: 3.00

College: Nursing & Health Professions

Department: CNHP - Master's Degree

#### **NURS 515S - MANAGING PEDIATRIC EMERGENCIES**

Credits: 3.00

College: Nursing & Health Professions

Department: CNHP - Master's Degree

#### **NURS 516S - EVOLUTION OF A DISEASE: HIV/AI**

Credits: 3.00

College: Nursing & Health Professions

Department: CNHP - Master's Degree

#### **NURS 518S - ALTERNATIVE/COMPLIMENT THERAPI**

Credits: 3.00

College: Nursing & Health Professions

Department: CNHP - Master's Degree

#### **NURS 525S - NSG CARE OF THE CHEM DEP CLIEN**

An elective course for students enrolled in the MSN program. This course addresses the assessment, medical and nursing management of chemically dependent clients. Particular attention is paid to the various chemical substances that are currently abused in the USA.

Credits: 3.00

College: Nursing & Health Professions

Department: CNHP - Master's Degree

#### **NURS 591S - CONTINUOUS IMPROVEMENT SEMINAR**

Credits: 3.00

College: Nursing & Health Professions

Department: CNHP - Master's Degree

#### **NURS 610S - RESEARCH II**

This is the second in the sequence of two research courses required in the graduate nursing program. It builds on the content covered in NURS 510 and provides students with the opportunity to apply that knowledge by developing a research proposal to study a problem in their identified areas of interest. Specific content to be covered includes inferential statistical procedures, hypothesis testing, multivariate analysis techniques, power analysis, and an overview of program evaluation. Students are expected to take an active role in identifying their learning needs and in functioning collaboratively with peers. The decision-making role of the nurse researcher and practitioner is emphasized, along with communication skills essential for preparing for research.

Credits: 3.00

College: Nursing & Health Professions

Department: CNHP - Master's Degree

Pre-Requisites: NURS 510S

#### **NURS XXXS - NURSING ELECTIVE**

Credits: 3.00

College: Nursing & Health Professions

Department: CNHP - Bachelor's Degree

### **Occupational & Environmental Health Courses**

#### **OEHS 100S - SEMINAR OCCUPAT & ENVIR HEALTH**

Credits: 2.00

College: Nursing & Health Professions

Department: SHP - Occupational Health

#### **OEHS 200S - INDUSTRIAL HYGIENE**

Credits: 4.00

College: Nursing & Health Professions

Department: SHP - Occupational Health

**OEHS 205S - INDUSTRIAL VENTILATION**

Credits: 3.00

College: Nursing &amp; Health Professions

Department: SHP - Occupational Health

**OEHS 210S - INDUSTRIAL SAFETY**

Credits: 3.00

College: Nursing &amp; Health Professions

Department: SHP - Occupational Health

**OEHS 300S - INDUSTRIAL TOXICOLOGY**

Credits: 3.00

College: Nursing &amp; Health Professions

Department: SHP - Occupational Health

**OEHS 301S - SEMINAR OCCUPAT & ENVIR HLTH I**

Credits: 2.00

College: Nursing &amp; Health Professions

Department: SHP - Occupational Health

**OEHS 305S - ERGONOMICS**

Credits: 3.00

College: Nursing &amp; Health Professions

Department: SHP - Occupational Health

**OEHS 310S - CLIN ASPECT OCCUP & ENVIR HLTH**

Credits: 3.00

College: Nursing &amp; Health Professions

Department: SHP - Occupational Health

**OEHS 311S - ACCIDENT INVESTIGATION**

Credits: 3.00

College: Nursing &amp; Health Professions

Department: SHP - Occupational Health

**OEHS 312S - SPEC TOPICS OCCUP & ENVIR HLTH**

Credits: 3.00 to 6.00

College: Nursing &amp; Health Professions

Department: SHP - Occupational Health

**OEHS 313S - FLEET SAFETY**

Credits: 3.00

College: Nursing &amp; Health Professions

Department: SHP - Occupational Health

**OEHS 314S - HAZARDOUS WASTE MANAGEMENT**

Credits: 3.00

College: Nursing &amp; Health Professions

Department: SHP - Occupational Health

**OEHS 315S - RADIOLOGICAL HEALTH**

Credits: 3.00

College: Nursing &amp; Health Professions

Department: SHP - Occupational Health

**OEHS 316S - FIRE PREVENTION AND CONTROL**

Credits: 3.00

College: Nursing &amp; Health Professions

Department: SHP - Occupational Health

**OEHS 317S - OCCUPATIONAL EPIDEMIOLOGY**

Credits: 3.00

College: Nursing &amp; Health Professions

Department: SHP - Occupational Health

**OEHS 398S - SPEC TOPICS IN OCCU & ENVIR HL**

Credits: 3.00

College: Nursing &amp; Health Professions

Department: SHP - Occupational Health

**OEHS 399S - PROJECT INTERNSHIP**

Credits: 3.00 to 12.00

College: Nursing &amp; Health Professions

Department: SHP - Occupational Health

**Orthopedics Courses****ORTH 859S - KNEE SURGERY & SPORTS MEDICINE**

Credits: 3.00

College: Hahneman Med. Schl (Hist)

Department: Orthopedic Surgery Control

**Pharmacology Courses****PHRM XXXS - PHARMACOLOGY ELECTIVE/REQ.**

Credits: 3.00

College: Nursing &amp; Health Professions

Department: Pharmacology Control

**Philosophy Courses****PHIL 101S - INTRO TO PHILOSOPHY**

Provides a survey of philosophical schools from the Greeks to the present-day philosophers.

Credits: 3.00

College: Nursing &amp; Health Professions

Department: Health Services Administration

Pre-Requisites: ENGL 101S Minimum Grade: C

**PHIL 305S - PHIL REFLCTNS ON HUMAN NATURE**

Examines philosophical concepts of human nature through an analysis of such issues as the body-soul dualism, materialism versus idealism, free will versus determinism, and the nature of science.

Credits: 3.00

College: Nursing &amp; Health Professions

Department: Health Services Administration  
Pre-Requisites: ENGL 101S Minimum Grade: C

**PHIL 313S - HUMANITIES & SCIENCE HLTH PROF**

Credits: 3.00  
College: Nursing & Health Professions  
Department: Health Services Administration

**PHIL 320S - PHILOSOPHY OF FILM**

Credits: 3.00  
College: Nursing & Health Professions  
Department: Health Services Administration

**PHIL 325S - CRITICAL THINKING**

Deals with the principles of logic and clear thinking and the application of these principles to everyday situations and professional and academic issues and interactions.

Credits: 3.00  
College: Nursing & Health Professions  
Department: Health Services Administration  
Pre-Requisites: ENGL 101S Minimum Grade: C

**PHIL 530S - ETHICS AND RESEARCH**

Credits: 2.00  
College: Nursing & Health Professions  
Department: Health Services Administration

**PHIL 603S - HLTH-CARE ETHICS & SOCIETY: PB**

Credits: 3.00  
College: Nursing & Health Professions  
Department: Health Services Administration

**Physician Assistant Courses**

**PA 100S - PHYSICAL DIAGNOSIS**

Provides a sound understanding of the basic knowledge required to develop the techniques of performing thorough medical histories and physical examinations.

Credits: 6.00  
College: Nursing & Health Professions  
Department: CNHP - Physicians Assistant

**PA 110S - CLINICAL MEDICINE**

Involves discussion of pathophysiology, symptoms, signs, and pertinent diagnostic studies to enable students to begin to solve clinical problems, formulate therapeutic interventions, and provide patient education.

Credits: 9.00  
College: Nursing & Health Professions  
Department: CNHP - Physicians Assistant  
Restrictions:  
Must be enrolled in one of the following Major(s):  
Physician Assistant

**PA 124S - PRINCIPLES OF MEDICAL SCIENCE**

Provides the fundamentals of human physiology as they relate to the normal functional body and to the mechanisms of disease. Introduces common pathophysiology.

Credits: 3.00  
College: Nursing & Health Professions  
Department: CNHP - Physicians Assistant

**PA 125S - HISTORY TAKING**

Focuses on the elements of the clinical interview and history-taking techniques. Also includes recognition of common psychosocial problems and appropriate interview modifications in such cases.

Credits: 2.00  
College: Nursing & Health Professions  
Department: CNHP - Physicians Assistant

**PA 129S - EMERGENCY MEDICINE**

Focuses on the more common emergency injuries and disease presentations with which primary health care providers are confronted. Includes supervised clinical exposure in the emergency department.

Credits: 3.00  
College: Nursing & Health Professions  
Department: CNHP - Physicians Assistant  
Restrictions:

Must be enrolled in one of the following Major(s):  
Physician Assistant

**PA 146S - ETHICS & PROF ISSUES PA**

Introduces ethical and social issues involved with health care delivery. Examines the role of the physician assistant in the context of each topic discussed.

Credits: 2.00  
College: Nursing & Health Professions  
Department: CNHP - Physicians Assistant

**PA 150S - BIOPSYCHO ISSUES PATIENT CARE**

Provides an understanding of human development throughout the life cycle. Discusses biopsychosocial milestones, transition issues, and manifestations of major categories of psychopathology.

Credits: 3.00  
College: Nursing & Health Professions  
Department: CNHP - Physicians Assistant  
Restrictions:

Must be enrolled in one of the following Major(s):  
Physician Assistant

**PA 160S - PHARMACOLOGY & THERAPEUTICS I**

Credits: 1.00  
College: Nursing & Health Professions  
Department: CNHP - Physicians Assistant

**PA 161S - PHAMACOLOGY & THERAPEUTICS II**

Credits: 2.00  
College: Nursing & Health Professions  
Department: CNHP - Physicians Assistant  
Restrictions:  
Must be enrolled in one of the following Major(s):

Physician Assistant

**PA 201S - FOUNDATIONS OF CLINICAL MEDICINE**

Five-week preclinical didactic course designed to prepare the student who is about to enter the clinical phase in the various disciplines experienced during clinical rotations and preceptorships.

Credits: 5.00

College: Nursing & Health Professions

Department: CNHP - Physicians Assistant

Restrictions:

Must be enrolled in one of the following Major(s):

Physician Assistant

**PA 221S - MEDICINE ROTATION**

Offers five weeks of experience, emphasizing refinement of clinical thinking and skills learned during the didactic phase through exposure to patient care in the clinical setting.

Credits: 5.00

College: Nursing & Health Professions

Department: CNHP - Physicians Assistant

Restrictions:

Must be enrolled in one of the following Major(s):

Physician Assistant

**PA 223S - SURGERY ROTATION**

Offers five weeks of clinical exposure to a variety of acute surgical conditions, emphasizing pre-and post-operative evaluation and management and intra-operative assisting.

Credits: 5.00

College: Nursing & Health Professions

Department: CNHP - Physicians Assistant

Restrictions:

Must be enrolled in one of the following Major(s):

Physician Assistant

**PA 224S - OBST & GYNE ROTATION**

Offers five weeks of clinical experience with a variety of normal and abnormal obstetric and gynecologic conditions.

Credits: 5.00

College: Nursing & Health Professions

Department: CNHP - Physicians Assistant

Restrictions:

Must be enrolled in one of the following Major(s):

Physician Assistant

**PA 225S - PSYCHIATRY ROTATION**

Offers five weeks of experience interviewing and assessing patients with a variety of psychosocial problems, as well as the opportunity to participate in treatment-plan formulation and explore community resources.

Credits: 5.00

College: Nursing & Health Professions

Department: CNHP - Physicians Assistant

Restrictions:

Must be enrolled in one of the following Major(s):

Physician Assistant

**PA 226S - EMERGENCY MEDICINE ROTATION**

Offers five weeks of clinical exposure to a variety of medical, surgical, and psychiatric conditions, and provides the opportunity to participate in patient evaluation and treatment in an emergency department setting.

Credits: 5.00

College: Nursing & Health Professions

Department: CNHP - Physicians Assistant

Restrictions:

Must be enrolled in one of the following Major(s):

Physician Assistant

**PA 231S - PRECEPTORSHIP I**

Provides students with a one-on-one learning experience in the practice environment of a primary care physician. Allows students to learn by observation and participation in the management of primary care problems in the practice setting.

Credits: 1.00 to 16.00

College: Nursing & Health Professions

Department: CNHP - Physicians Assistant

Restrictions:

Must be enrolled in one of the following Major(s):

Physician Assistant

**PA 232S - PRECEPTORSHIP II**

Provides a second, extended clinical experience in a different primary care setting.

Credits: 1.00 to 12.00

College: Nursing & Health Professions

Department: CNHP - Physicians Assistant

Restrictions:

Must be enrolled in one of the following Major(s):

Physician Assistant

**PA 250S - ESSENTIALS OF CLINICAL MEDICINE**

Provides a six-week review of the clinical knowledge base required of a physician assistant in a format of clinical practicum and individual tutorials with program faculty.

Credits: 6.00

College: Nursing & Health Professions

Department: CNHP - Physicians Assistant

Restrictions:

Must be enrolled in one of the following Major(s):

Physician Assistant

**PA 251S - CLINICAL SKILLS PRACTICUM**

Provides a six-week review of physical examination and clinical problem-solving skills in a format of clinical practicum and individual tutorials with program faculty.

Credits: 6.00

College: Nursing & Health Professions

Department: CNHP - Physicians Assistant

Restrictions:

Must be enrolled in one of the following Major(s):

Physician Assistant

**PA 300S - PA CLINICAL PRACTICUM**

Credits: 1.00 to 12.00

College: Nursing & Health Professions  
Department: CNHP - Physicians Assistant  
Restrictions:  
Must be enrolled in one of the following Major(s):  
Physician Assistant

**PA 301S - HEALTH CARE RESEARCH**

Offers an opportunity for variable-credit independent study conducted under the supervision of a faculty member, on a topic chosen from primary care and related medical specialties.  
Credits: 1.00 to 3.00  
College: Nursing & Health Professions  
Department: CNHP - Physicians Assistant

**PA 305S - READINGS IN HEALTH CARE**

Offers an opportunity for variable-credit independent study, with credit assigned according to the number of books or articles read by the student and length of paper submitted.  
Credits: 1.00 to 12.00  
College: Nursing & Health Professions  
Department: CNHP - Physicians Assistant

**PA 310S - PHYSICAL DIAGNOSIS**

Credits: 5.00  
College: Nursing & Health Professions  
Department: CNHP - Physicians Assistant  
Restrictions:  
Must be enrolled in one of the following Major(s):  
Physician Assistant

**PA 324S - PRINCIPLES OF MEDICAL SCIENCE**

Credits: 4.00  
College: Nursing & Health Professions  
Department: CNHP - Physicians Assistant

**PA 325S - HISTORY TAKING**

Credits: 2.00  
College: Nursing & Health Professions  
Department: CNHP - Physicians Assistant  
Restrictions:  
Must be enrolled in one of the following Major(s):  
Physician Assistant

**PA 335S - CLINICAL LAB PRACTICUM**

Credits: 1.00  
College: Nursing & Health Professions  
Department: CNHP - Physicians Assistant  
Restrictions:  
Must be enrolled in one of the following Major(s):  
Physician Assistant

**PA 346S - ETHICS**

Credits: 2.00  
College: Nursing & Health Professions  
Department: CNHP - Physicians Assistant

**PA 350S - BIOPSYCHO ISSUES PATIENT CARE**

Credits: 3.00  
College: Nursing & Health Professions  
Department: CNHP - Physicians Assistant  
Restrictions:  
Must be enrolled in one of the following Major(s):  
Physician Assistant

**PA 360S - PHARMACOLOGY & THERAPEUTICS I**

Credits: 1.00  
College: Nursing & Health Professions  
Department: CNHP - Physicians Assistant

**PA 361S - PHARMACOLOGY & THERAPEUTICS II**

Credits: 2.00  
College: Nursing & Health Professions  
Department: CNHP - Physicians Assistant  
Restrictions:  
Must be enrolled in one of the following Major(s):  
Physician Assistant

**PA 401S - FOUNDATIONS OF CLINICAL MED**

Credits: 5.00  
College: Nursing & Health Professions  
Department: CNHP - Physicians Assistant  
Restrictions:  
Must be enrolled in one of the following Major(s):  
Physician Assistant

**PA 404S - COMPETENCY-FOUNDAT OF CLIN MED**

The purpose of this course is to provide the student with a mechanism for maintaining and strengthening of their knowledge in Foundations of Clinical Medicine.  
Credits: 1.00  
College: Nursing & Health Professions  
Department: CNHP - Physicians Assistant  
Pre-Requisites: PA 310S and PA 410S and PA 401S

**PA 410S - CLINICAL MEDICINE**

Credits: 9.00  
College: Nursing & Health Professions  
Department: CNHP - Physicians Assistant  
Restrictions:  
Must be enrolled in one of the following Major(s):  
Physician Assistant

**PA 421S - MEDICINE ROTATION**

Credits: 5.00  
College: Nursing & Health Professions  
Department: CNHP - Physicians Assistant  
Restrictions:  
Must be enrolled in one of the following Major(s):  
Physician Assistant

**PA 422S - PEDIATRICS ROTATION**

Credits: 5.00  
College: Nursing & Health Professions  
Department: CNHP - Physicians Assistant  
Restrictions:  
Must be enrolled in one of the following Major(s):  
Physician Assistant

#### **PA 423S - SURGERY ROTATION**

Credits: 5.00  
College: Nursing & Health Professions  
Department: CNHP - Physicians Assistant  
Restrictions:  
Must be enrolled in one of the following Major(s):  
Physician Assistant

#### **PA 424S - OB-GYN ROTATION**

Credits: 5.00  
College: Nursing & Health Professions  
Department: CNHP - Physicians Assistant  
Restrictions:  
Must be enrolled in one of the following Major(s):  
Physician Assistant

#### **PA 425S - PSYCHIATRY ROTATION**

Credits: 5.00  
College: Nursing & Health Professions  
Department: CNHP - Physicians Assistant  
Restrictions:  
Must be enrolled in one of the following Major(s):  
Physician Assistant

#### **PA 426S - EMERGENCY MEDICINE ROTATION**

Credits: 5.00  
College: Nursing & Health Professions  
Department: CNHP - Physicians Assistant  
Restrictions:  
Must be enrolled in one of the following Major(s):  
Physician Assistant

#### **PA 429S - EMERGENCY MEDICINE**

Credits: 3.00  
College: Nursing & Health Professions  
Department: CNHP - Physicians Assistant  
Restrictions:  
Must be enrolled in one of the following Major(s):  
Physician Assistant

#### **PA 431S - PRECEPTORSHIP I**

Credits: 12.00  
College: Nursing & Health Professions  
Department: CNHP - Physicians Assistant  
Restrictions:  
Must be enrolled in one of the following Major(s):  
Physician Assistant

#### **PA 432S - PRECEPTORSHIP II**

Credits: 12.00  
College: Nursing & Health Professions  
Department: CNHP - Physicians Assistant  
Restrictions:  
Must be enrolled in one of the following Major(s):  
Physician Assistant

#### **PA 523S - EPIDEMIOLOGY & HLTH PROMOTION**

This course provides an introductory to principles of Epidemiology; a review of health initiatives and health psychology; and, an in-depth study of the leading causes of morbidity and mortality in the United States. Recommended strategies for health promotion and disease prevention across the lifespan are evaluated and applied to common causes of disease and death.

Credits: 3.00  
College: Nursing & Health Professions  
Department: CNHP - Physicians Assistant  
Restrictions:  
Must be enrolled in one of the following Major(s):  
Physician Assistant

#### **PA 535S - CLINICAL MEDICINE**

Credits: 7.00  
College: Nursing & Health Professions  
Department: CNHP - Physicians Assistant

#### **PA 800S - DEGREE ONLY**

Credits: 1.00  
College: Nursing & Health Professions  
Department: CNHP - Physicians Assistant

### **Political Science Courses**

#### **PSCI 101S - AMERICAN NATIONAL GOVERNMENT**

Explores political theories, organizations, functions, and operation of the American national government.  
Credits: 3.00  
College: Nursing & Health Professions  
Department: Health Services Administration

### **Pre-Medical Courses**

#### **PMED 111S - GENERAL CHEMISTRY I**

Credits: 3.00  
College: College of Medicine  
Department: Post - Bac Evening  
Restrictions:  
Must be enrolled in one of the following Major(s):  
Post-Bacc Pre-Med

#### **PMED 112S - GENERAL CHEMISTRY I LAB**

Credits: 1.00  
College: College of Medicine  
Department: Post - Bac Evening  
Restrictions:  
Must be enrolled in one of the following College(s)/School(s):  
Biomedical Graduate Studies

College of Medicine  
Must be enrolled in one of the following Major(s):  
Post-Bacc Pre-Med

**PMED 114S - CONCEPTS IN CHEMISTRY I**

Credits: 4.00  
College: College of Medicine  
Department: Post - Bac Evening  
Restrictions:  
Must be enrolled in one of the following Major(s):  
Post-Bacc Pre-Med

**PMED 121S - GENERAL PHYSICS I**

Credits: 3.00  
College: College of Medicine  
Department: Post - Bac Evening  
Restrictions:  
Must be enrolled in one of the following Major(s):  
Post-Bacc Pre-Med

**PMED 122S - GENERAL PHYSICS I LAB**

Credits: 1.00  
College: College of Medicine  
Department: Post - Bac Evening  
Restrictions:  
Must be enrolled in one of the following College(s)/School(s):  
Biomedical Graduate Studies  
College of Medicine  
Must be enrolled in one of the following Major(s):  
Post-Bacc Pre-Med

**PMED 131S - GENERAL CHEMISTRY II**

Credits: 3.00  
College: College of Medicine  
Department: Post - Bac Evening  
Restrictions:  
Must be enrolled in one of the following College(s)/School(s):  
Biomedical Graduate Studies  
College of Medicine  
Must be enrolled in one of the following Major(s):  
Post-Bacc Pre-Med

**PMED 132S - GENERAL CHEMISTRY II LAB**

Credits: 1.00  
College: College of Medicine  
Department: Post - Bac Evening  
Restrictions:  
Must be enrolled in one of the following College(s)/School(s):  
Biomedical Graduate Studies  
College of Medicine  
Must be enrolled in one of the following Major(s):  
Post-Bacc Pre-Med

**PMED 141S - GENERAL PHYSICS II**

Credits: 3.00  
College: College of Medicine  
Department: Post - Bac Evening

Restrictions:  
Must be enrolled in one of the following College(s)/School(s):  
Biomedical Graduate Studies  
College of Medicine  
Must be enrolled in one of the following Major(s):  
Post-Bacc Pre-Med

**PMED 142S - GENERAL PHYSICS II LAB**

Credits: 1.00  
College: College of Medicine  
Department: Post - Bac Evening  
Restrictions:  
Must be enrolled in one of the following College(s)/School(s):  
Biomedical Graduate Studies  
College of Medicine  
Must be enrolled in one of the following Major(s):  
Post-Bacc Pre-Med

**PMED 151S - COLLEGE ALGEBRA & TRIGONOMETRY**

Credits: 3.00  
College: College of Medicine  
Department: Post - Bac Evening  
Restrictions:  
Must be enrolled in one of the following College(s)/School(s):  
Biomedical Graduate Studies  
College of Medicine  
Must be enrolled in one of the following Major(s):  
Post-Bacc Pre-Med

**PMED 211S - GENERAL BIOLOGY I**

Credits: 3.00  
College: College of Medicine  
Department: Post - Bac Evening  
Restrictions:  
Must be enrolled in one of the following College(s)/School(s):  
Biomedical Graduate Studies  
College of Medicine  
Must be enrolled in one of the following Major(s):  
Post-Bacc Pre-Med

**PMED 212S - GENERAL BIOLOGY I LAB**

Credits: 1.00  
College: College of Medicine  
Department: Post - Bac Evening  
Restrictions:  
Must be enrolled in one of the following College(s)/School(s):  
Biomedical Graduate Studies  
College of Medicine  
Must be enrolled in one of the following Major(s):  
Post-Bacc Pre-Med

**PMED 221S - ORGANIC CHEMISTRY I**

Credits: 3.00  
College: College of Medicine  
Department: Post - Bac Evening  
Restrictions:  
Must be enrolled in one of the following Major(s):  
Post-Bacc Pre-Med



## Psychology Courses

### PMED 222S - ORGANIC CHEMISTRY I LAB

Credits: 1.00  
College: College of Medicine  
Department: Post - Bac Evening  
Restrictions:  
Must be enrolled in one of the following Major(s):  
Post-Bacc Pre-Med

### PMED 231S - GENERAL BIOLOGY II

Credits: 3.00  
College: College of Medicine  
Department: Post - Bac Evening  
Restrictions:  
Must be enrolled in one of the following Major(s):  
Post-Bacc Pre-Med

### PMED 232S - GENERAL BIOLOGY II LAB

Credits: 1.00  
College: College of Medicine  
Department: Post - Bac Evening  
Restrictions:  
Must be enrolled in one of the following Major(s):  
Post-Bacc Pre-Med

### PMED 241S - ORGANIC CHEMISTRY II

Credits: 3.00  
College: College of Medicine  
Department: Post - Bac Evening  
Restrictions:  
Must be enrolled in one of the following Major(s):  
Post-Bacc Pre-Med

### PMED 242S - ORGANIC CHEMISTRY II LAB

Credits: 1.00  
College: College of Medicine  
Department: Post - Bac Evening  
Restrictions:  
Must be enrolled in one of the following Major(s):  
Post-Bacc Pre-Med

### PMED 511S - GENERAL CHEMISTRY I

Credits: 4.00  
College: College of Medicine  
Department: Post - Bac Evening  
Restrictions:  
Must be enrolled in one of the following Major(s):  
Post-Bacc Pre-Med

### PMED 800S - REGISTERED FOR DEGREE ONLY

Credits: .50 to 6.00  
College: College of Medicine  
Department: Biomedical Program

### PSY 101S - INTRO TO PSYCHOLOGY

Examines the determinants of human behavior within the context of social and cultural influences.  
Credits: 3.00  
College: Nursing & Health Professions  
Department: SHP - Clin & Health Psych

### PSY 200S - BEHAVIORAL DISORDERS

Explores the concepts, indications, and symptoms of psychological and behavioral disorders.  
Credits: 3.00  
College: Nursing & Health Professions  
Department: SHP - Clin & Health Psych  
Pre-Requisites: ENGL 101S Minimum Grade: C

### PSY 317S - PSYCHOLOGICAL PSYCHOLOGY

Credits: 3.00  
College: Nursing & Health Professions  
Department: CNHP - Behavioral Counseling

### PSY 319S - LIFE-SPAN HUMAN DEV

Studies the processes and stages in human growth and development by means of biological, psychological, social, and intellectual variables.  
Credits: 3.00  
College: Nursing & Health Professions  
Department: SHP - Clin & Health Psych  
Pre-Requisites: ENGL 101S Minimum Grade: C

## Radiologic Sciences Courses

### RADI 254S - PRIN RADGRAPH EXP III

Presents a complete review of exposure factors, including an investigation of the theory and application of these factors as they relate to body habitus, tissue absorption, and pathological changes.  
Credits: 1.00  
College: Nursing & Health Professions  
Department: SHP - Radiology Techn  
Pre-Requisites: RADI 153S Minimum Grade: C

### RADI 299S - CLINICAL PRACTICUM IV

Credits: 6.00 to 12.00  
College: Nursing & Health Professions  
Department: SHP - Radiology Techn

## Religion Courses

### RELG 201S - RELIGIONS OF THE WORLD

Examines those religions having a major impact on the development of ideas concerning the place of humans in the world: Hinduism, Buddhism, Taoism, Confucianism, Judaism, Christianity, and Islam.  
Credits: 3.00  
College: Nursing & Health Professions  
Department: Health Services Administration  
Pre-Requisites: ENGL 101S Minimum Grade: C

## Research Courses

### **RSCH 349S - RESEARCH & EXPERIMENTAL DESIGN**

Covers the areas of research and experimental design, scientific writing, and presentation of scientific materials.

Credits: 3.00

College: Nursing & Health Professions

Department: Health Services Administration

Pre-Requisites: CMPS 125S Minimum Grade: C and ENGL 101S

Minimum Grade: C and STS 343S Minimum Grade: C and STS 344S

Minimum Grade: C

### **RSCH 399S - SENIOR RESEARCH PROJECT**

Credits: 3.00

College: Nursing & Health Professions

Department: Health Services Administration

## Russian Courses

### **RUSS 101S - MEDICAL RUSSIAN**

Credits: 3.00

College: Nursing & Health Professions

Department: Health Services Administration

## Social Sciences Courses

### **SOSC 300S - READINGS IN SOCIAL SCIENCES**

Allows the highly qualified and motivated junior or senior with a specialized interest in a period, topic, or individual relevant to the social development of civilization and culture to pursue this interest through nonclassroom independent study. The student is responsible for seeking an appropriate instructor who is available to supervise this study.

Credits: 1.00 to 6.00

College: Nursing & Health Professions

Department: Health Services Administration

## Spanish Courses

### **SPAN 110S - BEGINNING SPANISH I**

Humanities elective or open elective. Focuses on the fundamentals of Spanish grammar and pronunciation, including reading, writing, dictation, comprehension, and simple conversational patterns.

Credits: 3.00

College: Nursing & Health Professions

Department: Health Services Administration

### **SPAN 111S - BEGINNING SPANISH II**

Reinforces and builds on the skills acquired in SPAN 110 to increase fluency in Spanish.

Credits: 3.00

College: Nursing & Health Professions

Department: Health Services Administration

Pre-Requisites: SPAN 110S Minimum Grade: C

### **SPAN 116S - BAS SPAN CONV HLT-CR PROV**

Provides the individual with little or no knowledge of Spanish with basic skills in listening to and speaking Spanish by means of instruction in basic grammar and vocabulary that emphasizes words and expressions commonly used in health care settings.

Credits: 3.00

College: Nursing & Health Professions

Department: Health Services Administration

## Speech Communications Courses

### **SPCH 213S - PUBLIC SPEAKING**

Develops skills in spoken English and focuses on the planning and presentation of formal and extempore speeches.

Credits: 3.00

College: Nursing & Health Professions

Department: Health Services Administration

Pre-Requisites: ENGL 101S Minimum Grade: C