

# Contents

## The College of Nursing and Health Professions

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## Complementary and Integrative Therapy Courses

### **CIT 501 - Foundations of Phytotherapy**

This course serves as a foundation for the safe, effective and rational approach to using some of the most commonly known herbs in clinical practice. Includes a review of primary uses, active constituents, pharmacological actions, known contraindications, drug interactions, potential side effects, and review of the clinical research.

Credits: 3.00

College: Nursing & Health Professions

Department: CNHP - Creative Arts Therapy

Restrictions:

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

Graduate Quarter

### **CIT 502 - Foundations of CIT**

This course serves as an introduction to the theories and cultural concepts and contexts that underpin complementary and alternative therapies used increasingly by consumers of healthcare worldwide. The CIT world-view will be compared to the traditional medical model. Evidenced based research in these areas will be identified and addressed.

Credits: 3.00

College: Nursing & Health Professions

Department: CNHP - Creative Arts Therapy

Restrictions:

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

Graduate Quarter

### **CIT 503 - Holistic Living For The Caregiver**

This course is designed to take students on an experiential journey toward a holistic way of living that emphasizes a mind-body-spirit approach. Emphasizes development of healthy, nutritious eating, effective exercise, and guidelines for incorporating basic supplementation. Students stress reduction and management techniques including breathing, walking and music. Integrates spiritual concepts.

Credits: 3.00

College: Nursing & Health Professions

Department: CNHP - Creative Arts Therapy

Restrictions:

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

Graduate Quarter

### **CIT 600 - Clinical Aromatherapy**

This course provides the foundation for the safe and effective use of 20 therapeutic essential oils including clinical application, organic chemistry, safety, dosages and contraindications. Essential oil biosynthesis, specific plant morphological structures, extraction methodologies, primary avenues of absorption, and history of aromatherapy. Adheres to standards of National Association for Holistic Aromatherapy.

Credits: 3.00

College: Nursing & Health Professions

Department: CNHP - Creative Arts Therapy

Restrictions:

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

Graduate Quarter

### **CIT 601 - Integration of CIT**

This course is an overview of the availability, utilization and integration of complementary and integrative therapies in the United States today. Emphasis is placed on the coordination of traditional and non-traditional healing practices and the roles and responsibilities of the provider as the coordinator of the patients' health care.

Credits: 3.00

College: Nursing & Health Professions

Department: CNHP - Creative Arts Therapy

Restrictions:

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

Graduate Quarter

Pre-Requisites: CIT 501 Minimum Grade: C and CIT 502 Minimum

Grade: C and CIT 503 Minimum Grade: C

### **CIT 602 - Women Integrative Health**

This course presents an Integrative Mindy-Body approach for supporting states of health imbalance specific to women's issues. Applied integrative strategies highlight the use of dietary and lifestyle changes, nutritional supplementation, botanical medicines and other specific healing modalities. Included are Eastern philosophies of energetics, and the physical, spiritual, psyche and soma.

Credits: 3.00

College: Nursing & Health Professions

Department: CNHP - Creative Arts Therapy

Restrictions:

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

Graduate Quarter

Pre-Requisites: CIT 501 Minimum Grade: C and CIT 502 Minimum

Grade: C and CIT 503 Minimum Grade: C

## Couple & Family Therapy Courses

### **CFTP 500 - Introduction to Systems Theory**

This course will present an overview of systems theory, particularly general systems theory and cybernetics. This course will include a critique of system theory from a feminist and cross-cultural perspective.

Credits: 3.00

College: Nursing & Health Professions

Department: CNHP - Family Therapy

Restrictions:

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

Graduate Quarter

### **CFTP 501 - Introduction to Family Therapy I**

The purpose of this course is to introduce the student to major family therapy theories and their relationship to general systems theory and cybernetics.

Credits: 3.00

College: Nursing & Health Professions

Department: CNHP - Family Therapy

Restrictions:

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

Graduate Quarter

### **CFTP 502 - Introduction to Family Therapy II**

This course will include contemporary and evidence based family therapy models. Students must have successfully completed Systems Theory and Introduction to Family Therapy I prior to enrolling in this course.

Credits: 3.00

College: Nursing & Health Professions

Department: CNHP - Family Therapy

Restrictions:

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

Master of Family Therapy GR

PHD CNH for GR

Post Master's Cert CNH for GR

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

Graduate Quarter

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

Couple and Family Therapy

Family Therapy

Pre-Requisites: CFTP 501 Minimum Grade: C and CFTP 500 Minimum Grade: C

### **CFTP 503 - Historical & Sociocultural Influences I**

This course will introduce students to an examination of the family in a broader social cultural context. This class will explore how sociocultural concepts define and affect social, interpersonal and professional interactions.

Credits: 3.00

College: Nursing & Health Professions

Department: CNHP - Family Therapy

Restrictions:

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

Master of Family Therapy GR

Post Master's Cert CNH for GR

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

Graduate Quarter

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

Couple and Family Therapy

Family Therapy

### **CFTP 504 - Sociocultural Influences II**

This course will teach students how to develop culturally competent couple and family therapy models. Special attention to issues of power, privilege and oppression will be infused throughout the course. Students must successfully complete Sociocultural Influences I prior to enrolling in this course.

Credits: 3.00

College: Nursing & Health Professions

Department: CNHP - Family Therapy

Restrictions:

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

Master of Family Therapy GR

Post Master's Cert CNH for GR

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

Graduate Quarter

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

Couple and Family Therapy

Family Therapy

Pre-Requisites: CFTP 503 Minimum Grade: C

### **CFTP 505 - Bowen Theory**

This course offers a brief review of the history and development of the life work of Murray Bowen, M.D., an overview of the resulting theory of human behavior, Bowen Theory, and use of its interactive components in clinical, research and organizational applications.

Credits: 3.00

College: Nursing & Health Professions

Department: CNHP - Family Therapy

Restrictions:

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

Graduate Quarter

### **CFTP 506 - Contextual Therapy**

This course introduces students to present the basic tenets of Contextual Therapy and Clinical applications.

Credits: 3.00

College: Nursing & Health Professions

Department: CNHP - Family Therapy

Restrictions:

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

Master of Family Therapy GR

Post Master's Cert CNH for GR

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

Graduate Quarter

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

Couple and Family Therapy

Family Therapy

### **CFTP 507 - Collaborative Approaches**

This course is designed to introduce students to a variety of postmodern theoretical trends in the family therapy field.

Credits: 3.00

College: Nursing & Health Professions

Department: CNHP - Family Therapy

Restrictions:

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

Master of Family Therapy GR

Post Master's Cert CNH for GR

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

Graduate Quarter

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

Couple and Family Therapy

Family Therapy

### **CFTP 508 - Structural Family Therapy**

This course is designed to introduce students to the practice and principles of Structural Family Therapy. This course will identify interventions related to structural theory and person of the therapist.

Credits: 3.00

College: Nursing & Health Professions

Department: CNHP - Family Therapy

Restrictions:

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

Graduate Quarter

### **CFTP 509 - Couples Therapy**

This course will introduce students to the theory and practice of couple therapy. Couple theories, research, clinical practice and techniques will be studied and critiqued.

Credits: 3.00

College: Nursing & Health Professions  
Department: CNHP - Family Therapy  
Restrictions:  
Must be enrolled in one of the following Program Level(s):  
Graduate Quarter

**CFTP 510 - Sex Therapy**

This course will introduce students to the theory and practice of sex therapy. Sexual disorders and sexuality will be addressed from the perspective of the individual, couple and family or origin.  
Credits: 3.00  
College: Nursing & Health Professions  
Department: CNHP - Family Therapy  
Restrictions:  
Must be enrolled in one of the following Program(s):  
Master of Family Therapy GR  
Post Master's Cert CNH for GR  
Must be enrolled in one of the following Program Level(s):  
Graduate Quarter  
Must be enrolled in one of the following Major(s):  
Couple and Family Therapy  
Family Therapy  
Pre-Requisites: CFTP 509 Minimum Grade: C

**CFTP 511 - Object Relations Theory**

The focus of this course is to understand Object Relations Theory, and its application to the treatment of individuals, couples and families.  
Credits: 3.00  
College: Nursing & Health Professions  
Department: CNHP - Family Therapy  
Restrictions:  
Must be enrolled in one of the following Program(s):  
Master of Family Therapy GR  
Post Master's Cert CNH for GR  
Must be enrolled in one of the following Program Level(s):  
Graduate Quarter  
Must be enrolled in one of the following Major(s):  
Couple and Family Therapy  
Family Therapy

**CFTP 512 - Behavioral Models**

This course introduces the basic behavioral approaches to Couple and Family Therapy. It includes an exposure to Behavioral Marital, Cognitive-Behavioral, Behavioral Family Therapy applications.  
Credits: 3.00  
College: Nursing & Health Professions  
Department: CNHP - Family Therapy  
Restrictions:  
Must be enrolled in one of the following Program(s):  
Master of Family Therapy GR  
Post Master's Cert CNH for GR  
Must be enrolled in one of the following Program Level(s):  
Graduate Quarter  
Must be enrolled in one of the following Major(s):  
Couple and Family Therapy  
Family Therapy

**CFTP 513 - DSM I: Adult Psychopathology**

This is a survey of the major categories of adult psychopathological disturbance in the DSM-TR classification system. This course emphasizes the dynamics of diagnosis and biological treatment in relational therapy.  
Credits: 3.00  
College: Nursing & Health Professions  
Department: CNHP - Family Therapy  
Restrictions:  
Must be enrolled in one of the following Program Level(s):  
Graduate Quarter  
Must be enrolled in one of the following Major(s):  
Couple and Family Therapy  
Family Therapy

**CFTP 514 - DSM II: Child Psychopathology**

This is a survey of the major categories of child psychopathological disturbances in the DSM-TR classification system. This course emphasizes the dynamics of diagnosis and biological treatments in relational therapy.  
Credits: 3.00  
College: Nursing & Health Professions  
Department: CNHP - Family Therapy  
Restrictions:  
Must be enrolled in one of the following Program Level(s):  
Graduate Quarter  
Pre-Requisites: CFTP 513 Minimum Grade: C

**CFTP 515 - Introduction to Psychopharmacology**

This course is designed to present a history and the most current trends in biological treatments in psychiatric disorders. While it focuses on biological treatments the students concurrently will be exposed to historical and contemporary trends in the philosophy and practice of psychopharmacology in the profession.  
Credits: 3.00  
College: Nursing & Health Professions  
Department: CNHP - Family Therapy  
Restrictions:  
Must be enrolled in one of the following Program(s):  
Master of Family Therapy GR  
Post Master's Cert CNH for GR  
Must be enrolled in one of the following Program Level(s):  
Graduate Quarter  
Must be enrolled in one of the following Major(s):  
Couple and Family Therapy  
Family Therapy

**CFTP 516 - Addictions I: The Addictive Process**

The process of addiction will be examined in the context of the family and the larger social system. Process addictions such as sex, gambling, food, exercise, spending and shopping will be covered in this course.  
Credits: 3.00  
College: Nursing & Health Professions  
Department: CNHP - Family Therapy  
Restrictions:  
Must be enrolled in one of the following Program Level(s):  
Graduate Quarter

**CFTP 517 - Addictions II: Substance Abuse & The Family**

The problem of addiction will be examined in the context of the family and the larger social system. This course will provide a wide exposure to substance abuse theory and treatment models.

Credits: 3.00

College: Nursing & Health Professions

Department: CNHP - Family Therapy

Restrictions:

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

Master of Family Therapy GR

Post Master's Cert CNH for GR

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

Graduate Quarter

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

Couple and Family Therapy

Family Therapy

### **CFTP 518 - Medical Family Therapy**

This course is designed to prepare family therapists and other health professionals to work collaboratively in addressing the unique psychosocial problems of individuals, couples and families with acute and chronic medically related concerns.

Credits: 3.00

College: Nursing & Health Professions

Department: CNHP - Family Therapy

Restrictions:

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

Master of Family Therapy GR

Post Master's Cert CNH for GR

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

Graduate Quarter

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

Couple and Family Therapy

Family Therapy

### **CFTP 519 - Family Violence**

This course will introduce students to research and practice of partner violence in the field of couple and family therapy.

Credits: 3.00

College: Nursing & Health Professions

Department: CNHP - Family Therapy

Restrictions:

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

Master of Family Therapy GR

Post Master's Cert CNH for GR

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

Graduate Quarter

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

Couple and Family Therapy

Family Therapy

### **CFTP 520 - Family Life Cycle**

This course integrates the interface of individual development with the social structure of coupling and family in family life cycle framework.

Credits: 3.00

College: Nursing & Health Professions

Department: CNHP - Family Therapy

Restrictions:

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

Master of Family Therapy GR

Post Master's Cert CNH for GR

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

Graduate Quarter

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

Couple and Family Therapy

Family Therapy

### **CFTP 521 - Human Development**

This course will introduce students to the foundations of human development. It is designed to engage students in discussions of both traditional and contemporary human development models.

Credits: 3.00

College: Nursing & Health Professions

Department: CNHP - Family Therapy

Restrictions:

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

Master of Family Therapy GR

Post Master's Cert CNH for GR

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

Graduate Quarter

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

Couple and Family Therapy

Family Therapy

### **CFTP 522 - Legal & Ethical Implications in CFT Practice I**

This course will introduce students to ethical and legal issues that may arise in couple and family therapy treatment including confidentiality and its limits, record keeping, custody cases, abuse, privilege, licensure and informed consent.

Credits: 3.00

College: Nursing & Health Professions

Department: CNHP - Family Therapy

Restrictions:

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

Master of Family Therapy GR

PHD CNH for GR

Post Master's Cert CNH for GR

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

Graduate Quarter

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

Couple and Family Therapy

Family Therapy

### **CFTP 523 - Legal & Ethical Implications in CFT Practice II**

This course is a continuation of Legal and Ethical Implications I. Students must successfully complete Legal and Ethical Implications I prior to enrolling in this course.

Credits: 3.00

College: Nursing & Health Professions

Department: CNHP - Family Therapy

Restrictions:

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

Master of Family Therapy GR

Post Master's Cert CNH for GR

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

Graduate Quarter

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

Couple and Family Therapy

Family Therapy

Pre-Requisites: CFTP 522 Minimum Grade: C

**CFTP 524 - Research I: Family Evaluation**

This course focuses on issues in the clinical assessment of individuals, couples, and families. Assessment will be considered through a multi-method approach that includes: qualitative interview, observational, clinician-rated or global rating scales, and self report inventories.

Credits: 3.00

College: Nursing & Health Professions

Department: CNHP - Family Therapy

Restrictions:

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

Master of Family Therapy GR

Post Master's Cert CNH for GR

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

Graduate Quarter

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

Couple and Family Therapy

Family Therapy

**CFTP 525 - Research II: Couple and Family Therapy**

This is an introductory course in research methods for couple and family therapy. This course is designed to review contemporary family research methods including quantitative, qualitative, and mixed research methods.

Credits: 3.00

College: Nursing & Health Professions

Department: CNHP - Family Therapy

Restrictions:

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

Master of Family Therapy GR

Post Master's Cert CNH for GR

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

Graduate Quarter

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

Couple and Family Therapy

Family Therapy

**CFTP 526 - Person of the Therapist Training I**

Students will use the Person of the Therapist Training Model to actively explore self of the therapist development. This course is designed to help students develop an awareness of the self within one's own family of origin.

Credits: 1.00

College: Nursing & Health Professions

Department: CNHP - Family Therapy

Restrictions:

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

Master of Family Therapy GR

Post Master's Cert CNH for GR

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

Graduate Quarter

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

Couple and Family Therapy

Family Therapy

Pre-Requisites: CFTP 530 Minimum Grade: C

**CFTP 527 - Person of the Therapist Training II**

This course is a continuation of Therapist Experience I: Person of the Therapist Training. Students will use the Person of the Therapist Training Model to actively explore self of the therapist development.

Credits: 1.00

College: Nursing & Health Professions

Department: CNHP - Family Therapy

Restrictions:

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

Master of Family Therapy GR

PHD CNH for GR

Post Master's Cert CNH for GR

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

Graduate Quarter

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

Couple and Family Therapy

Family Therapy

Pre-Requisites: CFTP 526 Minimum Grade: C and CFTP 531 Minimum Grade: C

**CFTP 528 - Person of the Therapist Training III**

This course is a continuation of Therapist Experience I & II: Person of the Therapist Training. Students will use the Person of the Therapist Training Model to actively explore self of the therapist development.

Credits: 1.00

College: Nursing & Health Professions

Department: CNHP - Family Therapy

Restrictions:

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

Master of Family Therapy GR

Post Master's Cert CNH for GR

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

Graduate Quarter

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

Couple and Family Therapy

Family Therapy

Pre-Requisites: CFTP 526 Minimum Grade: C and CFTP 527 Minimum Grade: C and CFTP 532 Minimum Grade: C

**CFTP 529 - Family Policy**

The purpose of this course is to enhance student's awareness of policies that affect families in society. It will focus on policy development and process, and the role of policy in addressing family problems. Critical issues in family policy, particularly as it relates to diverse family structures and culture will also be explored.

Credits: 3.00

College: Nursing & Health Professions

Department: CNHP - Family Therapy

Restrictions:

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

Master of Family Therapy GR

Post Master's Cert CNH for GR

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

Graduate Quarter

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

Couple and Family Therapy

Family Therapy

**CFTP 530 - Practicum I**

The purpose of first year Practicum is for the student to develop foundational skills necessary for the practice of couple and family therapy.

Credits: 1.00

College: Nursing & Health Professions

Department: CNHP - Family Therapy

Restrictions:

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

Master of Family Therapy GR

Post Master's Cert CNH for GR

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

Graduate Quarter

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

Couple and Family Therapy

Family Therapy

#### **CFTP 531 - Practicum II**

The purpose of first year Practicum is for the student to develop foundational skills necessary for the practice of couple and family therapy.

Credits: 1.00

College: Nursing & Health Professions

Department: CNHP - Family Therapy

Restrictions:

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

Master of Family Therapy GR

Post Master's Cert CNH for GR

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

Graduate Quarter

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

Couple and Family Therapy

Family Therapy

Pre-Requisites: CFTP 530 Minimum Grade: C

#### **CFTP 532 - Practicum III**

The purpose of first year Practicum is for the student to develop foundational skills necessary for the practice of couple and family therapy.

Credits: 1.00

College: Nursing & Health Professions

Department: CNHP - Family Therapy

Restrictions:

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

Master of Family Therapy GR

Post Master's Cert CNH for GR

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

Graduate Quarter

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

Couple and Family Therapy

Family Therapy

Pre-Requisites: CFTP 531 Minimum Grade: C

#### **CFTP 533 - Practicum IV**

The purpose of first year Practicum is for the student to show integration of theory and practice, develop their own style of practice and globally demonstrate comfort and competency in the role and functions of a couple and family therapist.

Credits: 1.00

College: Nursing & Health Professions

Department: CNHP - Family Therapy

Restrictions:

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

Master of Family Therapy GR

Post Master's Cert CNH for GR

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

Graduate Quarter

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

Couple and Family Therapy

Family Therapy

Pre-Requisites: CFTP 532 Minimum Grade: C

#### **CFTP 534 - Practicum V**

The purpose of the second year Practicum is for the student to show integration of theory and practice, develop their own style of practice, and globally demonstrate comfort and competency in the role and functions of a couple and family therapist.

Credits: 1.00

College: Nursing & Health Professions

Department: CNHP - Family Therapy

Restrictions:

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

Master of Family Therapy GR

Post Master's Cert CNH for GR

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

Graduate Quarter

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

Couple and Family Therapy

Family Therapy

Pre-Requisites: CFTP 533 Minimum Grade: C

#### **CFTP 535 - Practicum VI**

The purpose of the second year Practicum is for the student to show integration of theory and practice, develop their own style of practice, and globally demonstrate comfort and competency in the role and functions of a couple and family therapist.

Credits: 1.00

College: Nursing & Health Professions

Department: CNHP - Family Therapy

Restrictions:

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

Master of Family Therapy GR

Post Master's Cert CNH for GR

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

Graduate Quarter

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

Couple and Family Therapy

Family Therapy

Pre-Requisites: CFTP 534 Minimum Grade: C

#### **CFTP 536 - Practicum VII**

The purpose of the second year Practicum is for the student to show integration of theory and practice, develop their own style of practice, and globally demonstrate comfort and competency in the role and functions of a couple and family therapist.

Credits: 1.00

College: Nursing & Health Professions

Department: CNHP - Family Therapy

Restrictions:

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

Master of Family Therapy GR

Post Master's Cert CNH for GR

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

Graduate Quarter

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

Couple and Family Therapy

Family Therapy  
Pre-Requisites: CFTP 535 Minimum Grade: C

**CFTP 711 - Research I: Conceptual Basis**

Identification of the theoretical basis for family systems research. Ethical and social context issues in family system research. Conceptual structure of the research process and description.

Credits: 3.00

College: Nursing & Health Professions

Department: CNHP - Family Therapy

Restrictions:

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

PHD CNH for GR

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

Graduate Quarter

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

Couple and Family Therapy

**CFTP 712 - Family Theory**

Comparative analysis of major theories of family life and development, including social context issues involved in the assessment and understanding of family interaction.

Credits: 3.00

College: Nursing & Health Professions

Department: CNHP - Family Therapy

Restrictions:

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

PHD CNH for GR

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

Graduate Quarter

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

Couple and Family Therapy

**CFTP 713 - CFT Research & Practice Literature**

Explores historical and current literature in couple and family therapy practice, with a particular focus on evidence-based research literature.

Development of a literature review on a selected CFT topic.

Credits: 3.00

College: Nursing & Health Professions

Department: CNHP - Family Therapy

Restrictions:

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

PHD CNH for GR

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

Graduate Quarter

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

Couple and Family Therapy

**CFTP 714 - Professional Development Seminar I**

Issues in the development of Ph.D.-level professionals. Identification of program, college, and university academic resources. Identification of professional organizations.

Credits: 1.00

College: Nursing & Health Professions

Department: CNHP - Family Therapy

Restrictions:

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

PHD CNH for GR

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

Graduate Quarter

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

Couple and Family Therapy

**CFTP 715 - Research II: Quantitative Methods**

Identification of various strategies for utilizing quantitative research methodology in family studies, including difference in research design, sampling, instruments, and data collection.

Credits: 3.00

College: Nursing & Health Professions

Department: CNHP - Family Therapy

Restrictions:

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

PHD CNH for GR

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

Graduate Quarter

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

Couple and Family Therapy

Pre-Requisites: CFTP 711 Minimum Grade: C

**CFTP 716 - Family Therapy Theory & Practice**

Advanced comparative analysis of historical and contemporary approaches to family therapy theory and their practical application, with particular reference to social context implications.

Credits: 3.00

College: Nursing & Health Professions

Department: CNHP - Family Therapy

Restrictions:

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

PHD CNH for GR

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

Graduate Quarter

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

Couple and Family Therapy

Pre-Requisites: CFTP 712 Minimum Grade: C

**CFTP 717 - CFT Assessment & Diagnosis**

Introduction to the theory and development of instruments designed to assess relational functioning of couples and families, including research evidence and social context implications.

Credits: 3.00

College: Nursing & Health Professions

Department: CNHP - Family Therapy

Restrictions:

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

PHD CNH for GR

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

Graduate Quarter

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

Couple and Family Therapy

**CFTP 718 - Professional Development Seminar II**

Issues in the development of Ph.D.-level professionals. Preparation of presentations and publications for submission to professional conferences and journals.

Credits: 1.00

College: Nursing & Health Professions

Department: CNHP - Family Therapy

Restrictions:



Must be enrolled in one of the following Program(s):  
PHD CNH for GR  
Must be enrolled in one of the following Program Level(s):  
Graduate Quarter  
Must be enrolled in one of the following Major(s):  
Couple and Family Therapy  
Pre-Requisites: CFTP 714 Minimum Grade: C

**CFTP 719 - Research III: Qualitative Methods**

Identification of various strategies for utilizing qualitative research methodology in family studies, including differences in research design, sampling, and data collection.

Credits: 3.00  
College: Nursing & Health Professions  
Department: CNHP - Family Therapy  
Restrictions:

Must be enrolled in one of the following Program(s):  
PHD CNH for GR  
Must be enrolled in one of the following Program Level(s):  
Graduate Quarter  
Must be enrolled in one of the following Major(s):  
Couple and Family Therapy  
Pre-Requisites: CFTP 711 Minimum Grade: C and CFTP 715 Minimum Grade: C

**CFTP 720 - Couple Therapy Theory & Practice**

Advanced comparative analysis of historical and contemporary approaches to couple therapy theory and their practical application, with particular reference to social context implications.

Credits: 3.00  
College: Nursing & Health Professions  
Department: CNHP - Family Therapy  
Restrictions:

Must be enrolled in one of the following Program(s):  
PHD CNH for GR  
Must be enrolled in one of the following Program Level(s):  
Graduate Quarter  
Must be enrolled in one of the following Major(s):  
Couple and Family Therapy  
Pre-Requisites: CFTP 712 Minimum Grade: C

**CFTP 721 - Critical Theory in CFT**

Comparative analysis of postmodern critical theories (e.g., critical race theory, feminist theory, queer theory) of family interaction and development.

Credits: 3.00  
College: Nursing & Health Professions  
Department: CNHP - Family Therapy  
Restrictions:

Must be enrolled in one of the following Program(s):  
PHD CNH for GR  
Must be enrolled in one of the following Program Level(s):  
Graduate Quarter  
Must be enrolled in one of the following Major(s):  
Couple and Family Therapy  
Pre-Requisites: CFTP 712 Minimum Grade: C

**CFTP 722 - Professional Development Seminar III**

Issues in the development of Ph.D.-level professionals. Teaching couple and family therapy.

Credits: 1.00  
College: Nursing & Health Professions  
Department: CNHP - Family Therapy  
Restrictions:

Must be enrolled in one of the following Program(s):  
PHD CNH for GR  
Must be enrolled in one of the following Program Level(s):  
Graduate Quarter  
Must be enrolled in one of the following Major(s):  
Couple and Family Therapy  
Pre-Requisites: CFTP 714 Minimum Grade: C and CFTP 718 Minimum Grade: C

**CFTP 724 - Multicultural Approach to CFT**

Develops cultural awareness and competency in working with families. Examines the effect of social context issues (e.g., ethnicity, socio-economic class, religion, sexual orientation) on therapist and family.

Credits: 3.00  
College: Nursing & Health Professions  
Department: CNHP - Family Therapy  
Restrictions:

Must be enrolled in one of the following Program(s):  
PHD CNH for GR  
Must be enrolled in one of the following Program Level(s):  
Graduate Quarter  
Must be enrolled in one of the following Major(s):  
Couple and Family Therapy

**CFTP 725 - Trauma & Families**

Assessment of the impact of both acute and chronic trauma on family members and the response of the family system. Both internal trauma (domestic violence) and external trauma investigated.

Credits: 3.00  
College: Nursing & Health Professions  
Department: CNHP - Family Therapy  
Restrictions:

Must be enrolled in one of the following Program(s):  
PHD CNH for GR  
Must be enrolled in one of the following Program Level(s):  
Graduate Quarter  
Must be enrolled in one of the following Major(s):  
Couple and Family Therapy

**CFTP 726 - Professional Development Seminar IV**

Issues in the development of Ph.D.-level professionals. Understanding academia, and the tenure process.

Credits: 1.00  
College: Nursing & Health Professions  
Department: CNHP - Family Therapy  
Restrictions:

Must be enrolled in one of the following Program(s):  
PHD CNH for GR  
Must be enrolled in one of the following Program Level(s):  
Graduate Quarter  
Must be enrolled in one of the following Major(s):  
Couple and Family Therapy  
Pre-Requisites: CFTP 714 Minimum Grade: C and CFTP 718 Minimum Grade: C and CFTP 722 Minimum Grade: C

**CFTP 728 - Research V: Advanced Qualitative Data Analysis**

Understanding and using software for qualitative data analysis in family studies. Subjects covered related to current or proposed student projects.

Credits: 3.00

College: Nursing & Health Professions

Department: CNHP - Family Therapy

Restrictions:

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

PHD CNH for GR

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

Graduate Quarter

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

Couple and Family Therapy

Pre-Requisites: CFTP 711 Minimum Grade: C and CFTP 715 Minimum

Grade: C and CFTP 719 Minimum Grade: C and RHAB 759 Minimum

Grade: C

**CFTP 729 - Diverse Family Structures**

Examines the family therapy implications for working with various contemporary family structures (e.g., single-parent, multi-generational, divorced, reformed, same sex parents).

Credits: 3.00

College: Nursing & Health Professions

Department: CNHP - Family Therapy

Restrictions:

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

PHD CNH for GR

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

Graduate Quarter

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

Couple and Family Therapy

**CFTP 730 - Gender, Privilege & Power**

Examines the couple and family therapy implications of gendered power relationships within families, including their effect on intimacy. Influence of role expectations on both therapist and family investigated.

Credits: 3.00

College: Nursing & Health Professions

Department: CNHP - Family Therapy

Restrictions:

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

PHD CNH for GR

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

Graduate Quarter

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

Couple and Family Therapy

**CFTP 731 - Professional Development Seminar V**

Issues in the development of Ph.D.-level professionals. Understanding the grant writing process.

Credits: 1.00

College: Nursing & Health Professions

Department: CNHP - Family Therapy

Restrictions:

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

PHD CNH for GR

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

Graduate Quarter

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

Couple and Family Therapy

Pre-Requisites: CFTP 714 Minimum Grade: C and CFTP 718 Minimum

Grade: C and CFTP 722 Minimum Grade: C and CFTP 726 Minimum

Grade: C

**CFTP 732 - Research VI: Quantitative Proposal**

The development of a research proposal, utilizing principally a quantitative methodology.

Credits: 3.00

College: Nursing & Health Professions

Department: CNHP - Family Therapy

Restrictions:

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

PHD CNH for GR

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

Graduate Quarter

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

Couple and Family Therapy

Pre-Requisites: CFTP 711 Minimum Grade: C and CFTP 715 Minimum

Grade: C and CFTP 719 Minimum Grade: C and RHAB 759 Minimum

Grade: C and RHAB 811 Minimum Grade: C

**CFTP 733 - Research VI: Qualitative Proposal**

The development of a research proposal, utilizing principally a qualitative methodology.

Credits: 3.00

College: Nursing & Health Professions

Department: CNHP - Family Therapy

Restrictions:

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

PHD CNH for GR

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

Graduate Quarter

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

Couple and Family Therapy

Pre-Requisites: CFTP 711 Minimum Grade: C and CFTP 715 Minimum

Grade: C and CFTP 719 Minimum Grade: C and CFTP 728 Minimum

Grade: C and RHAB 759 Minimum Grade: C

**CFTP 734 - Supervision in Couple & Family Therapy**

Preparation for supervising trainees in couple and family therapy, from a systemic perspective. Exploration of supervision models and modalities; development of a personal model of supervision.

Credits: 3.00

College: Nursing & Health Professions

Department: CNHP - Family Therapy

Restrictions:

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

PHD CNH for GR

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

Graduate Quarter

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

Couple and Family Therapy

**CFTP 735 - Family Healthcare Policy**

Examines historical and contemporary trends in family healthcare policy, and its socio-political implications for families of different social positions. Relation of family therapy to ecosystemic issues investigated.

Credits: 3.00

College: Nursing & Health Professions

Department: CNHP - Family Therapy

Restrictions:

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

PHD CNH for GR

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

Graduate Quarter

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

Couple and Family Therapy

#### **CFTP 736 - Professional Development Seminar VI**

Issues in the development in Ph.D.-level professionals. Ethics in CFT supervision and teaching.

Credits: 1.00

College: Nursing & Health Professions

Department: CNHP - Family Therapy

Restrictions:

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

PHD CNH for GR

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

Graduate Quarter

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

Couple and Family Therapy

Pre-Requisites: CFTP 714 Minimum Grade: C and CFTP 718 Minimum

Grade: C and CFTP 722 Minimum Grade: C and CFTP 726 Minimum

Grade: C and CFTP 731 Minimum Grade: C

#### **CFTP 741 - Religion, Spirituality & CFT**

Examines the organizing influence of personal belief system for both the therapist and family. The role of religious practices and differences between therapist and family investigated.

Credits: 3.00

College: Nursing & Health Professions

Department: CNHP - Family Therapy

Restrictions:

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

PHD CNH for GR

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

Graduate Quarter

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

Couple and Family Therapy

#### **CFTP 742 - Couples Sexual Therapy**

Explores the definition of "normal" sexual functioning, and the assessment and treatment of sexual dysfunction in couples therapy.

Credits: 3.00

College: Nursing & Health Professions

Department: CNHP - Family Therapy

Restrictions:

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

PHD CNH for GR

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

Graduate Quarter

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

Couple and Family Therapy

#### **CFTP 751 - Special Topics in CFT**

Special topics may be offered when several students share an interest in a particular subject matter related to couple and family therapy. This course may be repeated for a maximum of six (6) credits.

Credits: 3.00

College: Nursing & Health Professions

Department: CNHP - Family Therapy

Restrictions:

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

PHD CNH for GR

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

Graduate Quarter

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

Couple and Family Therapy

#### **CFTP 752 - Independent Study in CFT**

Independent opportunities for scholarly research may be offered to individual students who wish to pursue a particular subject related to couple and family therapy in greater depth than other courses provide

Credits: 3.00

College: Nursing & Health Professions

Department: CNHP - Family Therapy

Restrictions:

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

PHD CNH for GR

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

Graduate Quarter

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

Couple and Family Therapy

#### **CFTP 801 - CFT Internship**

Provides an advanced one-year full time supervised placement in a clinical, research, administrative or academic setting, as determined by the program director and student.

Credits: 5.00

College: Nursing & Health Professions

Department: CNHP - Family Therapy

Restrictions:

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

PHD CNH for GR

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

Graduate Quarter

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

Couple and Family Therapy

#### **CFTP 802 - CFT Dissertation**

Supervised research, including establishing a topic directly related to family functioning or family therapy; developing a research question and methodology for investigating it, collecting, processing, and analyzing the data; and writing a scholarly description of the research project.

Credits: 1.00 to 10.00

College: Nursing & Health Professions

Department: CNHP - Family Therapy

Restrictions:

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

PHD CNH for GR

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

Graduate Quarter

Must be enrolled in one of the following Major(s):  
Couple and Family Therapy

### **CFTP 803 - CFT Dissertation Defense**

The student should enroll for this only in the anticipated final quarter of enrollment, after all other credits for the PhD have been satisfied. This course may be repeated for a maximum of six (6) credits.

Credits: 1.00

College: Nursing & Health Professions

Department: CNHP - Family Therapy

Restrictions:

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

PHD CNH for GR

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

Graduate Quarter

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

Couple and Family Therapy

### **CFTP 804 - Registered for Degree Only**

The student should enroll for this only in the anticipated final quarter of enrollment, after all other credits for the PhD have been satisfied. This course may be repeated for a maximum of two credits.

Credits: 1.00

College: Nursing & Health Professions

Department: CNHP - Family Therapy

Restrictions:

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

PHD CNH for GR

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

Graduate Quarter

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

Couple and Family Therapy

## **Creative Arts in Therapy Courses**

### **ARTS 501 - Introduction to Creative Arts Therapy I**

Foundational theories for the creative arts therapies are discussed. Readings cover psychodynamic and object-relations concepts, symbolism and metaphor, the nature and development of creativity and response to the arts.

Credits: 2.00

College: Nursing & Health Professions

Department: CNHP - Creative Arts Therapy

Restrictions:

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

Graduate Quarter

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

Creative Arts in Therapy

### **ARTS 502 - Introduction to Creative Arts Therapy II**

This course uses experiential and didactic formats to facilitate understanding and integration of processes and principles central to the three creative arts therapy modalities of art, dance/movement and music therapy. Students compare features of the different create arts therapy approaches and explore common themes.

Credits: 2.00

College: Nursing & Health Professions

Department: CNHP - Creative Arts Therapy

Restrictions:

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

Must be enrolled in one of the following College(s)/School(s):  
Nursing & Health Professions

### **ARTS 503 - Introduction to Creative Arts Therapy III**

Principles and theories of the creative arts therapies are applied to the understanding of several case studies, with the lives of artists, dancers, musicians and writers as exemplars of how the arts impact life and reflect human experience. Clinical mental health implications are discussed.

Credits: 2.00

College: Nursing & Health Professions

Department: CNHP - Creative Arts Therapy

Restrictions:

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

Graduate Quarter

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

Creative Arts in Therapy

### **ARTS 504 - Human Psychological Development I**

An introduction to human development across the lifespan with an emphasis on psychosocial and emotional development. Major theories and models of normal development, from infancy to old age, are discussed. Development of ego functions and personality, as well as deviations from normal development, are also covered in a lifespan framework.

Credits: 2.00

College: Nursing & Health Professions

Department: CNHP - Creative Arts Therapy

Restrictions:

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

Graduate Quarter

Must be enrolled in one of the following College(s)/School(s):

Nursing & Health Professions

### **ARTS 505 - Clinical Diagnosis of Psychopathology I**

An overview of the Diagnostic and Statistical Manual, TR-IV, including etiological factors and levels of functioning. Designed to enable the beginning clinician to assess various mental and behavioral disorders in adults and children, with consideration of social, cultural and physiologic aspects.

Credits: 2.00

College: Nursing & Health Professions

Department: CNHP - Creative Arts Therapy

Restrictions:

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

Graduate Quarter

Must be enrolled in one of the following College(s)/School(s):

Nursing & Health Professions

### **ARTS 506 - Professional Orientation and Ethics I**

Prepares the beginning student for Clinical Observation in the field and supports the formation of a professional identity as a creative arts therapist. Provides a foundation in ethics and basic clinical mental health skills of observation and interaction, and a theoretical framework for clinical practice that is sensitive to sociocultural differences/diversity.

Credits: 1.00

College: Nursing & Health Professions  
Department: CNHP - Creative Arts Therapy  
Restrictions:  
Must be enrolled in one of the following Program Level(s):  
Graduate Quarter  
Must be enrolled in one of the following Major(s):  
Creative Arts in Therapy

#### **ARTS 507 - Group Dynamics and Therapy**

Students study basic aspects of group dynamics through experiential and didactic sessions, supported by assigned readings. Major emphasis is on the dynamics of groups, i.e., the group process and ways that basic group psychology plays out in psychotherapy groups. Issues include the impact of personal, socio-economic and cultural factors in response to group membership and therapy.

Credits: 2.00

College: Nursing & Health Professions  
Department: CNHP - Creative Arts Therapy  
Restrictions:  
Must be enrolled in one of the following Program Level(s):  
Graduate Quarter  
Must be enrolled in one of the following College(s)/School(s):  
Nursing & Health Professions

#### **ARTS 508 - Introduction to Behavioral Research**

This course introduces basic qualitative, quantitative and mixed method approaches to human and behavioral research. The course emphasizes application to the creative art therapies, preparation for the master's thesis, and competencies as a consumer of research literature and as a beginning clinical researcher.

Credits: 4.00

College: Nursing & Health Professions  
Department: CNHP - Creative Arts Therapy  
Restrictions:  
Must be enrolled in one of the following Program Level(s):  
Graduate Quarter  
Must be enrolled in one of the following Major(s):  
Creative Arts in Therapy

#### **ARTS 509 - Human Psychological Development II**

Continuation of ARTS 504, Human Psychological Development I

Credits: 2.00

College: Nursing & Health Professions  
Department: CNHP - Creative Arts Therapy  
Restrictions:  
Must be enrolled in one of the following Program Level(s):  
Graduate Quarter  
Must be enrolled in one of the following College(s)/School(s):  
Nursing & Health Professions  
Pre-Requisites: ARTS 504 Minimum Grade: C

#### **ARTS 510 - Clinical Practicum I: Observation**

Nine-week clinical placement focused on the development of fundamental observational skills. The student is assigned to a child or adult mental health facility, with an on-site create arts therapist in the student's modality.

Credits: 1.00

College: Nursing & Health Professions  
Department: CNHP - Creative Arts Therapy

Restrictions:  
Must be enrolled in one of the following Program Level(s):  
Graduate Quarter  
Must be enrolled in one of the following Major(s):  
Creative Arts in Therapy  
Co-Requisites: ARTS 506

#### **ARTS 511 - Clinical Practicum II**

10-week clinical placement focused on the development of fundamental observational skills. The student is assigned to a child or adult mental health facility, with an on-site creative arts therapist in the student's modality.

Credits: 1.00

College: Nursing & Health Professions  
Department: CNHP - Creative Arts Therapy  
Restrictions:  
Must be enrolled in one of the following Program Level(s):  
Graduate Quarter  
Must be enrolled in one of the following Major(s):  
Creative Arts in Therapy

#### **ARTS 512 - Clinical Practicum III**

Clinical placement supervised by a qualified creative arts therapist in the student's modality. The student continues to function as a student therapist, co-leading and leading modality-specific groups and individual sessions under supervision. Includes Mental Health Science Supervision with a psychiatrist, psychologist, or other qualified mental health clinician.

Credits: 1.00

College: Nursing & Health Professions  
Department: CNHP - Creative Arts Therapy  
Restrictions:  
Must be enrolled in one of the following Program Level(s):  
Graduate Quarter  
Must be enrolled in one of the following Major(s):  
Creative Arts in Therapy

#### **ARTS 513 - Clinical Diagnosis of Psychopathology II**

Continuation of ARTS 505, Clinical Diagnosis of Psychopathology I

Credits: 2.00

College: Nursing & Health Professions  
Department: CNHP - Creative Arts Therapy  
Restrictions:  
Must be enrolled in one of the following Program Level(s):  
Graduate Quarter  
Must be enrolled in one of the following College(s)/School(s):  
Nursing & Health Professions

#### **ARTS 531 - Art Therapy Assessment and Treatment for Adults I**

This course examines the interactions between theory and ethical practice in art therapy with adult clinical populations. The theoretical principles of psychological development and psychodynamics are applied to clinical art therapy assessments, art media analysis and applications, art therapy treatment approaches, and the therapeutic relationship which are studied in general and as specifically applied to adults suffering from psychiatric illness.

Credits: 2.00

College: Nursing & Health Professions  
Department: CNHP - Creative Arts Therapy

Restrictions:

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

Graduate Quarter

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

Creative Arts in Therapy

#### **ARTS 532 - Art Therapy Assessment and Treatment for Adults II**

This course examines the interaction between theory and ethical practice in art therapy with adult clinical populations. The theoretical principles of psychological development and psychodynamics are applied to clinical art therapy assessments, art media analysis and applications, art therapy treatment approaches, and the therapeutic relationship which are studied in general and as specifically applied to adults suffering from psychiatric illness.

Credits: 2.00

College: Nursing & Health Professions

Department: CNHP - Creative Arts Therapy

Restrictions:

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

Graduate Quarter

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

Creative Arts in Therapy

Pre-Requisites: ARTS 531 Minimum Grade: C

#### **ARTS 533 - Art Therapy Assessment and Treatment for Children I**

This course examines the interactions between theory and ethical practice in art therapy with children. The principles and application of artistic and psychological development, art therapy assessments, art media analysis and application, art therapy treatment approaches, and the therapeutic relationship are studied in general and as specifically applied with children suffering from developmental delays, psychiatric and medical illness.

Credits: 2.00

College: Nursing & Health Professions

Department: CNHP - Creative Arts Therapy

Restrictions:

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

Graduate Quarter

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

Creative Arts in Therapy

#### **ARTS 534 - Art Therapy Assessment and Treatment for Children II**

This course examines the interaction between theory and ethical practice in art therapy with children. The principles and application of artistic and psychological development, art therapy assessments, art media analysis and application, art therapy treatment approaches, and the therapeutic relationship are studied in general and as specifically applied with children suffering from development delays, psychiatric and medical illness.

Credits: 2.00

College: Nursing & Health Professions

Department: CNHP - Creative Arts Therapy

Restrictions:

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

Graduate Quarter

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

Creative Arts in Therapy

Pre-Requisites: ARTS 533 Minimum Grade: C

#### **ARTS 535 - Art Therapy Theory & Symbolism I**

This course includes the study of the history and development of art therapy. The pioneers in art therapy and the origins of art therapy theory are discussed as they relate to historical and present day practices in art therapy. The concepts of psycho-dynamics, developmental levels, and symbolism as they appear in the artwork are studied in the context of human development and behavior.

Credits: 2.00

College: Nursing & Health Professions

Department: CNHP - Creative Arts Therapy

Restrictions:

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

Graduate Quarter

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

Creative Arts in Therapy

#### **ARTS 536 - Art Therapy Theory & Symbolism II**

This course includes the continued study of the history and development of art therapy. The origins of art therapy theory are discussed as they relate to historical and present day practices in art therapy. The concepts of psychodynamics, developmental levels, and symbolism as they appear in the artwork are studied in the context of human development and behavior.

Credits: 2.00

College: Nursing & Health Professions

Department: CNHP - Creative Arts Therapy

Restrictions:

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

Graduate Quarter

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

Creative Arts in Therapy

Pre-Requisites: ARTS 535 Minimum Grade: C

#### **ARTS 537 - Art Therapy Group Supervision I**

In this course students participate in presenting, discussing, and evaluating patient case material that they bring from their clinical experiences. The cases are discussed in a small group interactive format where students can begin to connect theory and practice with children, adolescent and adult populations.

Credits: 2.00

College: Nursing & Health Professions

Department: CNHP - Creative Arts Therapy

Restrictions:

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

Graduate Quarter

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

Creative Arts in Therapy

#### **ARTS 538 - Art Therapy Group Supervision II**

In this course, students participate in presenting, discussing, and evaluating patient case material that they bring from their clinical experience. The cases are discussed in a small group interactive format where students can begin to connect theory and practice with children, adolescent and adult clinical populations.

Credits: 2.00

College: Nursing & Health Professions

Department: CNHP - Creative Arts Therapy

Restrictions:

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

Graduate Quarter

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

### **ARTS 539 - Art Therapy Group Supervision III**

In this course, students participate in presenting, discussing, and evaluating patient case material that they bring from their clinical experiences. The cases are discussed in a small group interactive format where students can begin to connect theory and practice with children, adolescent and adult clinical populations.

Credits: 2.00

College: Nursing & Health Professions

Department: CNHP - Creative Arts Therapy

Restrictions:

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

Graduate Quarter

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

Creative Arts in Therapy

### **ARTS 540 - Art Therapy Literature & Research**

This course includes a comprehensive review of the historical and current art therapy literature in preparation for the thesis research project. Students will read art therapy literature in the areas of assessment, treatment, ethical and legal issues, research, and cultural diversity gaps in the knowledge for potential research projects.

Credits: 2.00

College: Nursing & Health Professions

Department: CNHP - Creative Arts Therapy

Restrictions:

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

Graduate Quarter

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

Creative Arts in Therapy

### **ARTS 541 - Jungian Psychology for Art Therapists**

This course is a survey of the history and principles of Jungian Psychology as applied to the Creative Arts in Therapies. The principles and application of the arts art experienced, applied, to case histories, to oneself and related to Jung's theory and the Post-Jungians.

Credits: 2.00

College: Nursing & Health Professions

Department: CNHP - Creative Arts Therapy

Restrictions:

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

Graduate Quarter

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

Creative Arts in Therapy

### **ARTS 542 - Group Dynamics: Art Therapy**

This course is part II of the Group Dynamics track. In the first course, basic group and group psychotherapy theory and practice are learned experientially and didactically. In this course, the principles and practice of group psychotherapy are applied to group art therapy. Group art therapy theory and techniques are studied in the context of the group dynamic, therapeutic factors, behaviors and art processes of members and leaders and applications to different treatment venues.

Credits: 2.00

College: Nursing & Health Professions

Department: CNHP - Creative Arts Therapy

Restrictions:

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

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

Creative Arts in Therapy

Pre-Requisites: ARTS 507 Minimum Grade: C

### **ARTS 551 - Introduction to Anatomy and Kinesiology for Dance/Movement Therapy**

This course introduces anatomy and kinesiology through lecture, discussion, and experiential learning formats. The course provides an overview of the musculoskeletal system and how it functions to support the mechanics of human motion. An introduction to the principles of body connectivity provides a foundation for later dance/movement therapy clinical applications.

Credits: 1.00

College: Nursing & Health Professions

Department: CNHP - Creative Arts Therapy

Restrictions:

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

Graduate Quarter

### **ARTS 552 - Therapy Relationship Skills I**

This course introduces and provides practice in skills for establishing, understanding, and developing the therapy relationship and the therapeutic process through movement and verbal counseling processes. Students participate in and lead segments of sessions in the laboratory setting of the classroom.

Credits: 2.00

College: Nursing & Health Professions

Department: CNHP - Creative Arts Therapy

Restrictions:

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

Graduate Quarter

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

Creative Arts in Therapy

### **ARTS 553 - Therapy Relationship Skills II**

This course continues Therapy Relationship Skills I with the experience and practice of therapy relationship skills in the laboratory setting of the classroom. Particular attention is given to identifying patterns and shaping themes through which the therapy relationship and therapeutic process develops.

Credits: 2.00

College: Nursing & Health Professions

Department: CNHP - Creative Arts Therapy

Restrictions:

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

Graduate Quarter

Pre-Requisites: ARTS 552 Minimum Grade: C

### **ARTS 554 - Movement Observation I**

This course introduces students to movement observation and analysis within the framework of Laban Movement Analysis. In experiential and didactic frameworks, students will examine personal, relational, cultural, and societal dynamics as manifested in movement behavior. Therapeutic implications for both individuals and groups will be discussed.

Credits: 2.00

College: Nursing & Health Professions

Department: CNHP - Creative Arts Therapy  
Restrictions:  
Must be enrolled in one of the following Program Level(s):  
Graduate Quarter  
Must be enrolled in one of the following Major(s):  
Creative Arts in Therapy

**ARTS 555 - Laban Movement Analysis Lab**

This course provides experience in improvisational movement and various cultural dance forms. Movement will be reviewed with reference to movement parameters of Laban Movement Analysis to reinforce student' developing movement analysis skills.

Credits:  
College: Nursing & Health Professions  
Department: CNHP - Creative Arts Therapy  
Restrictions:  
Must be enrolled in one of the following Program Level(s):  
Graduate Quarter

**ARTS 556 - Movement Observation II**

This course further develops student skills in movement observation and analysis within the framework of Laban Movement Analysis. In experiential and didactic formats, students will examine personal, relational, cultural, and societal dynamics as manifested in movement behavior. Therapeutic implications for both individuals and adults will be discussed.

Credits: 2.00  
College: Nursing & Health Professions  
Department: CNHP - Creative Arts Therapy  
Restrictions:  
Must be enrolled in one of the following Program Level(s):  
Graduate Quarter  
Must be enrolled in one of the following Major(s):  
Creative Arts in Therapy  
Pre-Requisites: ARTS 554 Minimum Grade: C

**ARTS 557 - Dance/Movement Therapy Theory & Practice - Children I**

This experiential didactic course familiarizes students with childhood disorders and concomitant patterns of movement behavior. Theory and clinical methods in dance/movement therapy for children and adolescents are introduced.

Credits: 2.00  
College: Nursing & Health Professions  
Department: CNHP - Creative Arts Therapy  
Restrictions:  
Must be enrolled in one of the following Program Level(s):  
Graduate Quarter  
Must be enrolled in one of the following Major(s):  
Creative Arts in Therapy

**ARTS 558 - Dance/Movement Therapy Theory & Practice - Children II**

This experiential didactic course familiarizes students with childhood disorders and concomitant patterns of movement behavior. Theory and clinical methods in dance/movement therapy for children and adolescents are introduced.

Credits: 2.00  
College: Nursing & Health Professions  
Department: CNHP - Creative Arts Therapy  
Restrictions:

Must be enrolled in one of the following Program Level(s):  
Graduate Quarter  
Must be enrolled in one of the following Major(s):  
Creative Arts in Therapy  
Pre-Requisites: ARTS 557 Minimum Grade: C

**ARTS 559 - Introduction to Dance/Movement Therapy History & Literature**

This survey seminar introduces students to the historical development of dance/movement therapy theoretical orientation, and supporting literature. Experiential activities and films will illustrate particular approaches.

Credits: 1.00  
College: Nursing & Health Professions  
Department: CNHP - Creative Arts Therapy  
Restrictions:  
Must be enrolled in one of the following Program Level(s):  
Graduate Quarter  
Must be enrolled in one of the following Major(s):  
Creative Arts in Therapy

**ARTS 560 - Dance/Movement Therapy Group Supervision I**

This course supports initial integration of clinical experience and academic material. The course facilitates a process in which students examine therapeutic and professional relationships in which they are engaged in the clinical setting in order to enhance their understanding and effectiveness.

Credits: 1.00  
College: Nursing & Health Professions  
Department: CNHP - Creative Arts Therapy  
Restrictions:  
Must be enrolled in one of the following Program Level(s):  
Graduate Quarter  
Must be enrolled in one of the following Major(s):  
Creative Arts in Therapy

**ARTS 561 - Dance/Movement Therapy Group Supervision II**

This course supports initial integration of clinical experience and academic material. The course facilitates a process in which students examine therapeutic and professional relationships in which they are engaged in the clinical setting in order to enhance their understanding and effectiveness.

Credits: 1.00  
College: Nursing & Health Professions  
Department: CNHP - Creative Arts Therapy  
Restrictions:  
Must be enrolled in one of the following Program Level(s):  
Graduate Quarter  
Must be enrolled in one of the following Major(s):  
Creative Arts in Therapy

**ARTS 562 - Dance/Movement Therapy Group Supervision III**

This course supports initial integration of clinical experience and academic material. The course facilitates a process in which students examine therapeutic and professional relationships in which they are engaged in the clinical setting in order to enhance their understanding and effectiveness.

Credits: 1.00  
College: Nursing & Health Professions



Department: CNHP - Creative Arts Therapy

Restrictions:

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

Graduate Quarter

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

Creative Arts in Therapy

### **ARTS 563 - Movement Perspectives in Human Development**

This course provides the student with an understanding of normal movement development from infancy to adulthood. The course addresses the relationship between movement, emotional, and cognitive development and provides examples of development disturbance. Implications for assessment and clinical application with adult and child populations are examined.

Credits: 2.00

College: Nursing & Health Professions

Department: CNHP - Creative Arts Therapy

Restrictions:

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

Graduate Quarter

### **ARTS 564 - Group Dynamics & Therapy II: Dance/Movement Therapy**

Continues Group Dynamics and Therapy I. Group development and group process theory is applied to understanding interaction in the dance/movement therapy group and how this understanding informs group interventions. Course is taught in an experiential classroom lab format which supports lecture and readings and provides opportunity to practice group leadership skills.

Credits: 2.00

College: Nursing & Health Professions

Department: CNHP - Creative Arts Therapy

Restrictions:

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

Graduate Quarter

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

Creative Arts in Therapy

Pre-Requisites: ARTS 552 Minimum Grade: C and ARTS 553 Minimum

Grade: C

### **ARTS 570 - Clinical Musicianship I**

Provides methods for learning to accompany self and ensembles within music therapy applications. Additional emphasis is placed on clinical improvisation methods for keyboards.

Credits: 2.00

College: Nursing & Health Professions

Department: CNHP - Creative Arts Therapy

Restrictions:

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

Graduate Quarter

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

Creative Arts in Therapy

### **ARTS 571 - Clinical Musicianship II**

This course, designed for Music Therapy students, will assist students in the development of functional guitar methods within a variety of musical styles for the purpose of facilitating music therapy processes.

Credits: 2.00

College: Nursing & Health Professions

Department: CNHP - Creative Arts Therapy

Restrictions:

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

Graduate Quarter

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

Creative Arts in Therapy

### **ARTS 572 - Clinical Musicianship III**

Provides methods for developing the clinical musical skills needed for internship in piano, guitar, vocal, percussion and major instrument areas. The course also helps to refine skills developed in Clinical Musicianship I and II, and Clinical Musical Improvisation I and II.

Credits: 2.00

College: Nursing & Health Professions

Department: CNHP - Creative Arts Therapy

Restrictions:

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

Graduate Quarter

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

Creative Arts in Therapy

### **ARTS 573 - Clinical Musical Improvisation I**

Highly experiential course designed to introduce the student to: a) musical improvisation in general, and b) techniques used within a music therapy environment to develop therapeutic relationships with groups and individuals through the creative musical process. Readings will be used to increase understanding of improvisation as a clinical application.

Credits: 2.00

College: Nursing & Health Professions

Department: CNHP - Creative Arts Therapy

Restrictions:

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

Graduate Quarter

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

Creative Arts in Therapy

### **ARTS 574 - Clinical Musical Improvisation II**

Designed to further the student's understanding of music therapy improvisation as used in clinical environments with various populations. Established models of clinical musical improvisation will be included in readings and discussed in class, with exploration of the use of verbal processing in conjunction with the musical experience.

Credits: 2.00

College: Nursing & Health Professions

Department: CNHP - Creative Arts Therapy

Restrictions:

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

Graduate Quarter

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

Creative Arts in Therapy

Pre-Requisites: ARTS 573 Minimum Grade: C

### **ARTS 575 - Theories in Music Therapy I**

An overview of clinical and research literature related to psychological theories and musical development for music therapists.

Credits: 2.00

College: Nursing & Health Professions

Department: CNHP - Creative Arts Therapy

Restrictions:

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

Graduate Quarter

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

Creative Arts in Therapy

#### **ARTS 577 - Music Therapy Skills I**

This course will teach approaches and methods of music therapy as applied in mental health, mental retardation and physical disability for adult clinical populations.

Credits: 2.00

College: Nursing & Health Professions

Department: CNHP - Creative Arts Therapy

Restrictions:

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

Graduate Quarter

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

Creative Arts in Therapy

#### **ARTS 578 - Music Therapy Skills II: Child Skills**

This course will teach the basic approaches and techniques of music therapy for children as applied in mental health, mental retardation and physical disability.

Credits: 2.00

College: Nursing & Health Professions

Department: CNHP - Creative Arts Therapy

Restrictions:

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

Creative Arts in Therapy

#### **ARTS 579 - Music Therapy Skills III: Technological Applications**

This course will teach the basic music technology approaches and techniques for application with adult and child clinical populations.

Credits: 2.00

College: Nursing & Health Professions

Department: CNHP - Creative Arts Therapy

Restrictions:

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

Graduate Quarter

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

Creative Arts in Therapy

#### **ARTS 580 - Psychology of Music**

This course includes the study of acoustics, psychoacoustics, physiological and emotional responses, music cognition, meaning, and the psychosocial processes involved in musical perception.

Credits: 2.00

College: Nursing & Health Professions

Department: CNHP - Creative Arts Therapy

Restrictions:

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

Graduate Quarter

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

Creative Arts in Therapy

#### **ARTS 581 - Music Therapy Group Supervision I**

Materials and techniques for dealing with mental, neurological and other disorders in children, adolescents and adults in various settings

are related to advanced music clinical practice and research in small group presentations and discussions.

Credits: 1.00

College: Nursing & Health Professions

Department: CNHP - Creative Arts Therapy

Restrictions:

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

Graduate Quarter

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

Creative Arts in Therapy

Co-Requisites: ARTS 510

#### **ARTS 582 - Music Therapy Group Supervision II**

This is a continuation of ARTS 581. The objectives and course requirements are continuous in a developmental progression toward increasing sophistication and mastery of music therapy skills and conceptual understandings.

Credits: 1.00

College: Nursing & Health Professions

Department: CNHP - Creative Arts Therapy

Restrictions:

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

Graduate Quarter

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

Creative Arts in Therapy

Pre-Requisites: ARTS 511 Minimum Grade: C

#### **ARTS 583 - Music Therapy Group Supervision III**

This is a continuation of ARTS 581 and ARTS 582. The objectives and course requirements are continuous in a developmental progression toward increasing sophistication and mastery of music therapy skills and conceptual understandings.

Credits: 1.00

College: Nursing & Health Professions

Department: CNHP - Creative Arts Therapy

Restrictions:

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

Graduate Quarter

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

Creative Arts in Therapy

Pre-Requisites: ARTS 512 Minimum Grade: C

#### **ARTS 601 - Theories of Psychotherapy I**

Through readings, lecture and discussions, this provides an overview of major schools and systems of psychotherapy, with emphasis on examining underlying assumptions and curative factors in each. Students learn to recognize and integrate various theoretical perspectives in the therapeutic process. Comparisons with the creative arts therapies are explored.

Credits: 2.00

College: Nursing & Health Professions

Department: CNHP - Creative Arts Therapy

Restrictions:

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

Graduate Quarter

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

Creative Arts in Therapy

Family Therapy

Psychology

**ARTS 602 - Multicultural Perspectives in Therapy I**

The class will explore implications of cultures, race, age, ethnicity, gender, sexual orientation, social class, and physical ability within the context of mental health treatment. Through readings, experiential exercises, discussions, reflective writing, role play, and lecture multicultural issues are examined and a framework presented for the practitioner to develop flexibility, openness, knowledge and competence with diverse populations.

Credits: 2.00

College: Nursing & Health Professions

Department: CNHP - Creative Arts Therapy

Restrictions:

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

Graduate Quarter

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

Creative Arts in Therapy

**ARTS 603 - Clinical Appraisal and Assessment I**

An introduction to major established instruments and scales in intellectual, behavioral, social, emotional, developmental, and neurological testing. Students learn theories of clinical appraisal and testing, interviewing for mental health functioning, and skills of professional case presentation, with an emphasis on case conceptualization and holistic assessment.

Credits: 2.00

College: Nursing & Health Professions

Department: CNHP - Creative Arts Therapy

Restrictions:

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

Graduate Quarter

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

Creative Arts in Therapy

Family Therapy

Psychology

**ARTS 604 - Career Counseling**

This introductory course in career counseling covers theory and practice of assessment and counseling of work and career from a lifespan perspective with attention to issues of gender, race, ethics and individuals with special needs. Includes didactic, experiential and computer-lab based learning methods.

Credits: 4.00

College: Nursing & Health Professions

Department: CNHP - Creative Arts Therapy

Restrictions:

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

Graduate Quarter

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

Creative Arts in Therapy

Family Therapy

Psychology

**ARTS 605 - Theories of Psychotherapy II**

Continuation of ARTS 601: Theories of Psychotherapy I

Credits: 2.00

College: Nursing & Health Professions

Department: CNHP - Creative Arts Therapy

Restrictions:

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

Graduate Quarter

Must be enrolled in one of the following College(s)/School(s):

Nursing & Health Professions

Pre-Requisites: ARTS 601 Minimum Grade: C

**ARTS 606 - Professional Orientation and Ethics II**

Covers ethical principles, concerns and legal issues as related to the practice of arts, music, dance/movement therapy and professional counseling. Classes use readings, videos, lecture and case discussion for mastery of concepts and problem-solving. Course also addresses the professional identity and professionalism of the psychotherapist.

Credits: 3.00

College: Nursing & Health Professions

Department: CNHP - Creative Arts Therapy

Restrictions:

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

Graduate Quarter

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

Creative Arts in Therapy

Pre-Requisites: ARTS 506 Minimum Grade: C

**ARTS 607 - Clinical Appraisal and Assessment II**

Continuation of ARTS 603: Clinical Appraisal and Assessment I

Credits: 2.00

College: Nursing & Health Professions

Department: CNHP - Creative Arts Therapy

Restrictions:

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

Graduate Quarter

Must be enrolled in one of the following College(s)/School(s):

Nursing & Health Professions

Pre-Requisites: ARTS 603 Minimum Grade: C

**ARTS 610 - Clinical Internship I**

Advanced supervised clinical experience with a population of the student's preference, arranged by the student in collaboration with the Clinical Coordinator and Modality Director. Individual clinical supervision provided by a qualified professional in student's modality. Includes Mental Health Science Supervision with a psychiatrist, psychologist or other qualified mental health clinician.

Credits: 3.00

College: Nursing & Health Professions

Department: CNHP - Creative Arts Therapy

Restrictions:

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

Graduate Quarter

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

Creative Arts in Therapy

**ARTS 611 - Clinical Internship II**

Advanced supervised clinical experience with a population of the student's preference, arranged by the student in collaboration with the Clinical Coordinator and Modality Director. Individual clinical supervision provided by a qualified professional in student's modality. Includes Mental Health Science Supervision with a psychiatrist, psychologist or other qualified mental health clinician.

Credits: 3.00

College: Nursing & Health Professions

Department: CNHP - Creative Arts Therapy

**Restrictions:**

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

Graduate Quarter

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

Creative Arts in Therapy

Pre-Requisites: ARTS 610 Minimum Grade: C

**ARTS 612 - Clinical Internship III**

Advanced supervised clinical experience with a population of the student's preference, arranged by the student in collaboration with the Clinical Coordinator and Modality Director. Individual clinical supervision provided by a qualified professional in student's modality. Includes Mental Health Science Supervision with a psychiatrist, psychologist or other qualified mental health clinician.

Includes Mental Health Science Supervision with a psychiatrist, psychologist or other qualified mental health clinician.

Credits: 3.00

College: Nursing & Health Professions

Department: CNHP - Creative Arts Therapy

Restrictions:

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

Graduate Quarter

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

Creative Arts in Therapy

Pre-Requisites: ARTS 611 Minimum Grade: C

**ARTS 621 - Thesis Research I**

Under individual advisement, the student constructs research focus and questions, conducts literature review and prepares the proposal for the masters' thesis project on an art therapy, music therapy or dance/movement therapy topic.

Credits: 1.00

College: Nursing & Health Professions

Department: CNHP - Creative Arts Therapy

Restrictions:

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

Graduate Quarter

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

Creative Arts in Therapy

Pre-Requisites: ARTS 508 Minimum Grade: C

**ARTS 622 - Thesis II**

Under individual advisement, the student completes the proposal for the masters' thesis project on an art therapy, music therapy or dance/movement therapy topic.

Credits: 1.00

College: Nursing & Health Professions

Department: CNHP - Creative Arts Therapy

Restrictions:

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

Graduate Quarter

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

Creative Arts in Therapy

**ARTS 623 - Thesis III**

Under individual advisement, the student completes data collection and data analysis portions of the masters' thesis project on an art therapy, music therapy or dance/movement therapy topic.

Credits: 1.00

College: Nursing & Health Professions

Department: CNHP - Creative Arts Therapy

**Restrictions:**

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

Master of Arts CNH for GR

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

Graduate Quarter

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

Creative Arts in Therapy

**ARTS 624 - Thesis IV**

Under faculty committee advisement, the student completes the discussion section of the thesis, submits the full document, defends the thesis in a formal oral defense and completes revisions with committee guidance.

Credits: 1.00

College: Nursing & Health Professions

Department: CNHP - Creative Arts Therapy

Restrictions:

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

Master of Arts CNH for GR

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

Graduate Quarter

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

Creative Arts in Therapy

**ARTS 631 - Art Therapy Workshop**

This is an experiential course which utilizes the art process & productions of the students in a controlled setting to facilitate increased sensitivity to group creative and therapeutic processes within the art therapy session. The students develop an awareness of and empathy for the patients that they treat as well as heightened self-awareness through this experiential art and group process format.

Credits: 2.00

College: Nursing & Health Professions

Department: CNHP - Creative Arts Therapy

Restrictions:

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

Graduate Quarter

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

Creative Arts in Therapy

Pre-Requisites: ARTS 531 Minimum Grade: C and ARTS 532 Minimum

Grade: C and ARTS 533 Minimum Grade: C and ARTS 534 Minimum

Grade: C and ARTS 535 Minimum Grade: C and ARTS 536 Minimum

Grade: C

**ARTS 632 - Advanced Art Therapy Process and Practice I**

This course is a seminar in which advanced clinical theory and practice are the focus of lectures, student presentations, small discussion groups, and art experiential. Topics such as assessment, treatment, transference/countertransference, professionalism, and supervision are addressed in this course at an advanced level.

Credits: 2.00

College: Nursing & Health Professions

Department: CNHP - Creative Arts Therapy

Restrictions:

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

Graduate Quarter

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

Creative Arts in Therapy

Pre-Requisites: ARTS 531 Minimum Grade: C and ARTS 532 Minimum

Grade: C and ARTS 533 Minimum Grade: C and ARTS 534 Minimum

Grade: C and ARTS 535 Minimum Grade: C and ARTS 536 Minimum Grade: C

### **ARTS 633 - Advanced Art Therapy Process and Practice II**

This course is the second part of a seminar in which advanced clinical theory and practice are the focus of lectures, student presentations, small discussion groups, and art experientials. Topics such as assessment, treatment, transference/Countertransference, professionalism, and supervision are addressed in this course at an advanced level.

Credits: 2.00

College: Nursing & Health Professions

Department: CNHP - Creative Arts Therapy

Restrictions:

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

Graduate Quarter

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

Creative Arts in Therapy

Pre-Requisites: ARTS 632 Minimum Grade: C

### **ARTS 634 - Art Therapy Family Assessment**

This course will provide an introduction to family art therapy assessment. Art therapy and psychological assessment tools, readings and videos illustrating the use of art to aid in assessing families case illustrations, role playing, and art making about families will be used to study the family art therapy assessment process in depth.

Credits: 2.00

College: Nursing & Health Professions

Department: CNHP - Creative Arts Therapy

Restrictions:

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

Graduate Quarter

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

Creative Arts in Therapy

### **ARTS 635 - Multicultural Perspectives in Art Therapy**

This course explores competency models in Art Therapy in relation to gender, sexual orientation, ethnicity, socio-economic status, developmental ability, age, religion and spiritual values; via self awareness and appropriate therapeutic interventions. The diversity of artistic language, symbolism across cultures is explored. Art therapists' role in regard to advocacy and social justice are considered.

Credits: 2.00

College: Nursing & Health Professions

Department: CNHP - Creative Arts Therapy

Restrictions:

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

Graduate Quarter

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

Creative Arts in Therapy

### **ARTS 636 - Studio Art for Art Therapists**

In this independent study course art therapy students devote at least one hour a week to studio work on their own art productions. They focus on experimentation and development of knowledge of different art media as well as increased awareness of the psychological, cognitive, and emotional responses to their own creative process.

Credits: 2.00

College: Nursing & Health Professions

Department: CNHP - Creative Arts Therapy

Restrictions:

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

Graduate Quarter

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

Creative Arts in Therapy

### **ARTS 637 - Advanced Art Therapy Group Supervision I**

Small group format is used to discuss advanced clinical art therapy treatment cases. Emphasis is upon diagnosis, treatment planning, individual and group dynamics, and transference/countertransference issues. In addition, more advanced issues of art therapy program development, professional identity, and ethical issues are address. The method used is small group experiential supervision format with an emphasis upon peer supervision under the guidance of a credentialed art therapy faculty member.

Credits: 1.00

College: Nursing & Health Professions

Department: CNHP - Creative Arts Therapy

Restrictions:

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

Graduate Quarter

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

Creative Arts in Therapy

Pre-Requisites: ARTS 537 Minimum Grade: C and ARTS 538 Minimum

Grade: C and ARTS 610 Minimum Grade: C

### **ARTS 638 - Advanced Art Therapy Group Supervision II**

Small group format is used to discuss advanced clinical art therapy treatment cases. Emphasis is upon diagnosis, treatment planning, individual and group dynamics, and transference/countertransference issues. In addition more advanced issues of art therapy program development, professional identity, and ethical issues are addressed. The methods used is small group experiential supervision format with an emphasis upon peer supervision under the guidance of a credentialed art therapy faculty member.

Credits: 1.00

College: Nursing & Health Professions

Department: CNHP - Creative Arts Therapy

Restrictions:

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

Graduate Quarter

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

Creative Arts in Therapy

Pre-Requisites: ARTS 537 Minimum Grade: C and ARTS 538 Minimum

Grade: C and ARTS 637 Minimum Grade: C and ARTS 611 Minimum

Grade: C

### **ARTS 639 - Advanced Art Therapy Group Supervision III**

Small group format is used to discuss advanced clinical art therapy treatment cases. Emphasis is upon diagnosis, treatment planning, individual and group dynamics, and transference/countertransference issues. In addition more advanced issues of art therapy program development, professional identity, and ethical issues are addressed. The methods used is small group experiential supervision format with an emphasis upon peer supervision under the guidance of a credentialed art therapy faculty member.

Credits: 1.00

College: Nursing & Health Professions

Department: CNHP - Creative Arts Therapy

Restrictions:

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

Graduate Quarter

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

Creative Arts in Therapy

Pre-Requisites: ARTS 537 Minimum Grade: C and ARTS 538 Minimum

Grade: C and ARTS 637 Minimum Grade: C and ARTS 638 Minimum

Grade: C and ARTS 612 Minimum Grade: C

**ARTS 640 - Medical Art Therapy**

This elective course includes the history of medical art therapy for pediatrics and adults, psychosocial implications of illness and hospitalization on children and adults, differentiation between acute and sub-acute hospitalization, understanding family response to illness, hospitalization and bereavement. In addition the role of the art therapist is explored including treatment planning and interventions, transference and countertransference.

Credits: 1.00

College: Nursing & Health Professions

Department: CNHP - Creative Arts Therapy

Restrictions:

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

Graduate Quarter

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

Creative Arts in Therapy

**ARTS 641 - Forensic Art Therapy**

This elective course is an overview of forensic issues and forensic art therapy. Legal proceedings, reporting mandates, testimonial capability and evidentiary material is explored along with specific material relevant to forensic populations and practices identified as child abuse, both physical and sexual, custodial disputes and domestic violence.

Credits: 1.00

College: Nursing & Health Professions

Department: CNHP - Creative Arts Therapy

Restrictions:

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

Graduate Quarter

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

Creative Arts in Therapy

**ARTS 642 - Art Therapy in an Education Setting**

This elective course is designed to increase understanding of art therapy in schools with attention to the institution's characteristics and culture, impact of regular and special education, role of the Child Study Team, and the function of the individualized Education Plan. Child social, emotional and cognitive development will be reviewed along with relevant assessment measures.

Credits: 1.00

College: Nursing & Health Professions

Department: CNHP - Creative Arts Therapy

Restrictions:

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

Graduate Quarter

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

Creative Arts in Therapy

**ARTS 651 - Medical Dance/Movement Therapy**

Dance/movement therapy is emerging as a useful complementary approach for people with primary medical conditions. Using readings, experiential exercises, lecture, discussion and video formats, this course examines clinical work reported to date, relevant theory from health psychology, psychoneuroimmunology, and body/mind perspectives to motivate research and programming in this area.

Credits: 1.00

College: Nursing & Health Professions

Department: CNHP - Creative Arts Therapy

Restrictions:

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

Graduate Quarter

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

Creative Arts in Therapy

**ARTS 652 - The Kestenberg Movement Profile**

This course provides an introduction to the fundamentals of the Kestenberg Movement Profile (KMP). The KMP is a theoretically based tool for the assessment of psychological development through body movement. The course will address clinical applications of the KMP and cross-cultural issues. Teaching formats include discussion, experiential activities, and observational practice sessions.

Credits: 3.00

College: Nursing & Health Professions

Department: CNHP - Creative Arts Therapy

Restrictions:

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

Graduate Quarter

**ARTS 654 - Dance/Movement Therapy Theory and Practice III: Adults**

This course addresses the theory and practice of dance/movement therapy with adults. Adult clinical disorders will be reviewed with reference to movement features, psychological issues, and therapy approaches. Medical applications of dance/movement therapy and supports for wellness will be introduced. Students investigate therapy methods through readings, experiential structures, and discussion.

Credits: 2.00

College: Nursing & Health Professions

Department: CNHP - Creative Arts Therapy

Restrictions:

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

Graduate Quarter

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

Creative Arts in Therapy

Pre-Requisites: ARTS 552 Minimum Grade: C and ARTS 553 Minimum

Grade: C

**ARTS 655 - Multicultural Perspectives in Therapy II: Dance/Movement Therapy**

This course continues the Multicultural Perspectives in Therapy I course. The course will further develop students' cultural self-awareness and culturally sensitive therapy practice. Dance/movement therapy will be discussed within existing cultural contexts of dance and healing. The course will introduce culture specific and community models of therapy.

Credits: 2.00

College: Nursing & Health Professions

Department: CNHP - Creative Arts Therapy

Restrictions:

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

Graduate Quarter

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

Creative Arts in Therapy

**ARTS 656 - Mental Health Applications of Movement Analysis I**

Refine's students' skills in observing and evaluating movement and nonverbal communication. Reviews the major instruments and approaches for clinical assessment in dance/movement therapy. Addresses the application of Laban Movement Analysis based movement assessment in treatment.

Credits: 2.00

College: Nursing & Health Professions

Department: CNHP - Creative Arts Therapy

Restrictions:

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

Graduate Quarter

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

Creative Arts in Therapy

Pre-Requisites: ARTS 554 Minimum Grade: C and ARTS 555 Minimum Grade: C

**ARTS 657 - Mental Health Applications of Movement Analysis II**

Continuation of ARTS 656: Mental Health Applications of Movement Analysis I

Credits: 2.00

College: Nursing & Health Professions

Department: CNHP - Creative Arts Therapy

Restrictions:

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

Graduate Quarter

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

Creative Arts in Therapy

Pre-Requisites: ARTS 656 Minimum Grade: C

**ARTS 658 - Dance/Movement Therapy Advanced Group Supervision I**

This course considers professional identity, role related issues, multidisciplinary teamwork, and healthcare system dynamics in the context of group clinical problem solving. Students discuss methods for addressing specific clinical needs in children, adolescents and adults in various settings. Instructors serve as role models and facilitators for constructive evaluation of work.

Credits: 1.00

College: Nursing & Health Professions

Department: CNHP - Creative Arts Therapy

Restrictions:

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

Graduate Quarter

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

Creative Arts in Therapy

**ARTS 659 - Dance/Movement Therapy Advanced Group Supervision II**

This course considers professional identity, role related issues, multidisciplinary teamwork, and healthcare system dynamics in the context of group clinical problem solving. Students discuss methods for addressing specific clinical needs in children, adolescents and adults in various settings. Instructors serve as role models and facilitators for constructive evaluation of work.

Credits: 1.00

College: Nursing & Health Professions

Department: CNHP - Creative Arts Therapy

Restrictions:

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

Graduate Quarter

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

Creative Arts in Therapy

**ARTS 660 - Dance/Movement Therapy Advanced Group Supervision III**

This course considers professional identity, role related issues, multidisciplinary teamwork, and healthcare system dynamics in the context of group clinical problem solving. Students discuss methods for addressing specific clinical needs in children, adolescents and adults in various settings. Instructors serve as role models and facilitators for constructive evaluation of work.

Credits: 1.00

College: Nursing & Health Professions

Department: CNHP - Creative Arts Therapy

Restrictions:

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

Graduate Quarter

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

Creative Arts in Therapy

**ARTS 661 - Family Dance/Movement Therapy: A Systems Approach**

This course views the family through developmental and family systems perspectives. The course reviews nonverbal communication research and introduces students to the assessment of family interaction patterns using Dulicai's Nonverbal Assessment of Families instrument. The course will also address applications of dance/movement in family systems work.

Credits: 2.00

College: Nursing & Health Professions

Department: CNHP - Creative Arts Therapy

Restrictions:

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

Graduate Quarter

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

Creative Arts in Therapy

**ARTS 662 - Advanced Group Dance/Movement Therapy Skills I**

This course provides support for students to advance understanding and practice of group dance/movement therapy through participation in, leadership, and review of classroom lab sessions. Course continues through two quarters.

Credits: 2.00

College: Nursing & Health Professions

Department: CNHP - Creative Arts Therapy

Restrictions:

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

Graduate Quarter

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

Creative Arts in Therapy

Pre-Requisites: ARTS 507 Minimum Grade: C and ARTS 564 Minimum Grade: C

**ARTS 663 - Advanced Group Dance/Movement Therapy Skills II**

Continuation of ARTS 662: Advanced Group Dance/Movement Therapy Skills I

Credits: 2.00

College: Nursing & Health Professions

Department: CNHP - Creative Arts Therapy

Restrictions:

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

Graduate Quarter

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

Creative Arts in Therapy

Pre-Requisites: ARTS 507 Minimum Grade: C and ARTS 564 Minimum Grade: C

### **ARTS 670 - Advanced Music Therapy Skills I**

Music and imagery approaches in therapy with individuals and groups are examined through laboratory sessions.

Credits: 2.00

College: Nursing & Health Professions

Department: CNHP - Creative Arts Therapy

Restrictions:

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

Graduate Quarter

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

Creative Arts in Therapy

Pre-Requisites: ARTS 577 Minimum Grade: C and ARTS 578 Minimum Grade: C

### **ARTS 671 - Advanced Music Therapy Skills II**

This course will study music therapy within group formats. Students will have the opportunity to participate as leader and member of an on-going group. Group members will use role playing to simulate a variety of clinical populations. Concepts from assigned reading will be employed during group processing and un seminars.

Credits: 2.00

College: Nursing & Health Professions

Department: CNHP - Creative Arts Therapy

Restrictions:

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

Graduate Quarter

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

Creative Arts in Therapy

Pre-Requisites: ARTS 670 Minimum Grade: C

### **ARTS 672 - Multicultural Perspectives in Music Therapy**

Western ethnic and non western uses of music will be explored and adapted for use in music therapy. Also, various cultural understanding of musical behavior, beliefs about music, restricted or prohibited uses of music, and referential influences will be explored through readings and in-class musical experience.

Credits: 2.00

College: Nursing & Health Professions

Department: CNHP - Creative Arts Therapy

Restrictions:

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

Graduate Quarter

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

Creative Arts in Therapy

Pre-Requisites: ARTS 602 Minimum Grade: C

### **ARTS 673 - Advanced Music Therapy Group Supervision I**

Materials and techniques for dealing with mental, neurological and other disorders in children, adolescents and adults in various settings are related to advanced music therapy clinical practice and research in small group presentations and discussions.

Credits: 1.00

College: Nursing & Health Professions

Department: CNHP - Creative Arts Therapy

Restrictions:

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

Graduate Quarter

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

Creative Arts in Therapy

Pre-Requisites: ARTS 610 Minimum Grade: C

### **ARTS 674 - Advanced Music Therapy Group Supervision II**

Materials and techniques for dealing with mental, neurological and other disorders in children, adolescents and adults in various settings are related to advanced music therapy clinical practice and research in small group presentation and discussions.

Credits: 1.00

College: Nursing & Health Professions

Department: CNHP - Creative Arts Therapy

Restrictions:

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

Graduate Quarter

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

Creative Arts in Therapy

Pre-Requisites: ARTS 611 Minimum Grade: C

### **ARTS 675 - Advanced Music Therapy Group Supervision III**

Materials and techniques for dealing with mental, neurological and other disorders in children, adolescents and adults in various settings are related to advanced music therapy clinical practice and research in small group presentations and discussions.

Credits: 1.00

College: Nursing & Health Professions

Department: CNHP - Creative Arts Therapy

Restrictions:

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

Graduate Quarter

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

Creative Arts in Therapy

Pre-Requisites: ARTS 612 Minimum Grade: C

### **ARTS 676 - Theories in Music Therapy II**

Course designed to provide an introductory overview of two major theoretical models of psychotherapy as they apply to music, creativity and to music therapy. The first half of the course will focus on perspectives from the psychodynamic orientation while the second half will focus on perspectives of the humanistic orientation.

Credits: 2.00

College: Nursing & Health Professions

Department: CNHP - Creative Arts Therapy

Restrictions:

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

Graduate Quarter

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

Creative Arts in Therapy



### **ARTS 677 - Advanced Music Therapy Skills III - Group**

Continuation of ARTS 671 will study music therapy within group formats incorporating wellness and mind/body approaches. Students will participate as leader and member of an on-going group to simulate a variety of clinical, caregiver, and other non-clinical (prevention) populations.

Credits: 2.00

College: Nursing & Health Professions

Department: CNHP - Creative Arts Therapy

Restrictions:

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

Graduate Quarter

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

Creative Arts in Therapy

Pre-Requisites: ARTS 671 Minimum Grade: C

### **ARTS 678 - Clinical Internship Lab: Musical Analysis**

This seminar/lab will introduce methods of analysis of client musical expressions.

Credits: 1.00

College: Nursing & Health Professions

Department: CNHP - Creative Arts Therapy

Restrictions:

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

Graduate Quarter

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

Creative Arts in Therapy

Pre-Requisites: ARTS 612 Minimum Grade: C

## **Emergency Medical Services Courses**

### **EMS 501 - Paramedic Education I**

Continues the required national standard paramedic coursework through analysis of patient-care presentations and the provision of appropriate interventions. This course covers behavioral, infectious disease, respiratory and cardiac system topics. This course also provides supervised practice in the laboratory setting and in required clinical units.

Credits: 4.00

College: Nursing & Health Professions

Department: CNHP - EMS Graduate

Restrictions:

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

Graduate Quarter

### **EMS 502 - Paramedic Education II**

Continues paramedic coursework through analysis of patient care situations and the provision of appropriate interventions. This course covers neurology, endocrine, allergy and anaphylaxis, GI/GU, toxicology, hematology, OBGYN, pediatrics, neonate and geriatric system topics. Also required skills lab and in clinical rotation.

Credits: 4.00

College: Nursing & Health Professions

Department: CNHP - EMS Graduate

Restrictions:

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

Graduate Quarter

Pre-Requisites: EMS 501 Minimum Grade: C

### **EMS 503 - Paramedic Education III**

Continues the required national standard paramedic coursework through analysis of patient care presentations and the provision of appropriate interventions. This course covers traumatic injuries, hazardous materials and weapons of mass destruction.

Credits: 4.00

College: Nursing & Health Professions

Department: CNHP - EMS Graduate

Restrictions:

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

Graduate Quarter

Pre-Requisites: EMS 502 Minimum Grade: C

### **EMS 504 - Organizational Behavior**

This course explores and covers the areas of Organizational Behavior. Why do organizations not always perform to meet expectations. There are times that organizations perform well and other times they come up short. In this course we will examine the theory and practice behind the successes and failures that we encounter in today's organizations.

Credits: 3.00

College: Nursing & Health Professions

Department: CNHP - EMS Graduate

Restrictions:

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

Graduate Quarter

### **EMS 505 - Proseminar**

This course is a presentation based overview of the field of Public Safety Services Administration; representatives of major responsibility areas present capsulated position papers on relevant topics; opportunities for students to more finely develop areas of interest and specialty.

Credits: 3.00

College: Nursing & Health Professions

Department: CNHP - EMS Graduate

Restrictions:

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

Graduate Quarter

### **EMS 506 - Field Practicum I**

This is the first of two Advanced Life Support (ALS) preceptorships required for skill proficiency. Requires students to perform in the prehospital ALS environment and allows them to practice and refine patient assessments, clinical skills, and begin to acclimate to the role of the paramedic. (16 hours/week field rotation).

Credits: 4.00

College: Nursing & Health Professions

Department: CNHP - EMS Graduate

Restrictions:

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

Graduate Quarter

Pre-Requisites: EMS 502 Minimum Grade: C

### **EMS 507 - Field Practicum II**

The second of the required field rotations. Allows students to demonstrate all skills learned in the clinical courses and prepares students to function as an entry level paramedic. Successful completion

required for eligibility to sit for the state certification examination. (28 hours clinical/week.)

Credits: 5.00

College: Nursing & Health Professions

Department: CNHP - EMS Graduate

Restrictions:

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

Graduate Quarter

Pre-Requisites: EMS 506 Minimum Grade: C

### **EMS 508 - Emergency Services Finance**

Covers information necessary for fiscal planning, budgeting, integration with managed-care networks and other reimbursement strategies.

Credits: 3.00

College: Nursing & Health Professions

Department: CNHP - EMS Graduate

Restrictions:

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

Graduate Quarter

### **EMS 509 - Trauma Systems and Specialty Care**

This course provides an analysis of trauma as a system concept; relationship of specialty care systems within the framework of patient treatment from the acute incident or onset of illness through to rehabilitation. System evaluation points across the care spectrum.

Credits: 3.00

College: Nursing & Health Professions

Department: CNHP - EMS Graduate

Restrictions:

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

Graduate Quarter

### **EMS 510 - Emergency Services Planning and Administrative Theory**

This interactive course explores strategic planning techniques that students will use in developing organizations and systems. This includes procedures for goal setting and planned development as well as creating strategies for success in implementing programs and services.

Credits: 3.00

College: Nursing & Health Professions

Department: CNHP - EMS Graduate

Restrictions:

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

Graduate Quarter

### **EMS 511 - Clinical Capstone**

This course provides the final integration and application of all principles and techniques learned in the clinical program. Clinical decision making and synthesis of pathophysiology, pharmacology, physical examination, and interventional techniques are evaluated. Preparation for the national certification examination is included.

Credits: 2.00

College: Nursing & Health Professions

Department: CNHP - EMS Graduate

Restrictions:

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

Graduate Quarter

### **EMS 522 - Instructional Systems Design**

This course explores and offers in-depth analysis of relevant theories relating to contemporary application of Instructional Systems Design. The purpose is to provide the student with theoretical, experiential and critical perspectives on instructional design as it is applied in a number of educational venues.

Credits: 3.00

College: Nursing & Health Professions

Department: CNHP - EMS Graduate

Restrictions:

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

Graduate Quarter

### **EMS 530 - EMS and Public Safety Quality**

Building upon earlier course work, this course will present the Six Sigma principles. After completion of this course the student will be able to participate actively in quality management as part of the multi-disciplinary public safety team. This course is the first in a sequence of three courses on Quality.

Credits: 3.00

College: Nursing & Health Professions

Department: CNHP - EMS Graduate

Restrictions:

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

Graduate Quarter

### **EMS 535 - Instruments and Metrics Quality**

This course covers the concepts of instruments and metrics of quality management and Six Sigma in Emergency Medical Services and Public Safety. After completion of this course the student will be able to participate actively in advanced quality management as part of the multi-disciplinary public safety team. The course is the second of 3.

Credits: 3.00

College: Nursing & Health Professions

Department: CNHP - EMS Graduate

Restrictions:

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

Graduate Quarter

### **EMS 555 - Communications**

Develops a basic understanding of the operations and infrastructure necessary for operation of a public safety communications center and emergency operations center. Covers information flow from caller, field unit, phone systems, radio systems, call processing, EMS dispatch, EOC operations and IT support for communications decision making.

Credits: 3.00

College: Nursing & Health Professions

Department: CNHP - EMS Graduate

Restrictions:

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

Graduate Quarter

### **EMS 605 - Principles of Adult Education**

This course explores in-depth analysis of relevant theories relating to contemporary application of adult learner materials and methods. Many adult education theories and practices are explored to provide the participants with a broad understanding of andragogy (the art and science of teaching adults) and how it relates to their field.

Credits: 3.00

College: Nursing & Health Professions

Department: CNHP - EMS Graduate  
Restrictions:  
Must be enrolled in one of the following Program Level(s):  
Graduate Quarter

**EMS 608 - Research**

This interactive course explores and covers the areas of research and experimental design, scientific writing and presentation of scientific materials. This fundamentally important course serves as the foundation for graduate level research assigning personnel to take responsibility for contributing to the research conducted in their field.  
Credits: 3.00  
College: Nursing & Health Professions  
Department: CNHP - EMS Graduate  
Restrictions:  
Must be enrolled in one of the following Program Level(s):  
Graduate Quarter

**EMS 609 - Quality Management/ Six Sigma Integration**

This course integrates the student's learning obtained in Introduction to Quality and Instruments and Measures of Quality through application to real world situations. After completion of this course the student will be able to lead and participate actively in advanced quality management as part of the multi-disciplinary public safety team.  
Credits: 3.00  
College: Nursing & Health Professions  
Department: CNHP - EMS Graduate  
Restrictions:  
Must be enrolled in one of the following Program Level(s):  
Graduate Quarter  
Pre-Requisites: EMS 535 Minimum Grade: C

**EMS 610 - Epidemiology and Health Promotion**

Epidemiology and Health Promotion introduces basic concepts and terminology in epidemiology, applies epidemiologic principles to clinical scenarios, reviews the leading causes of morbidity and mortality in the United States, and develops strategies for health promotion across the lifespan.  
Credits: 3.00  
College: Nursing & Health Professions  
Department: CNHP - EMS Graduate  
Restrictions:  
Must be enrolled in one of the following Program Level(s):  
Graduate Quarter

**EMS 617 - Emergency Delivery Systems**

Credits: 3.00  
College: Nursing & Health Professions  
Department: CNHP - EMS Graduate  
Restrictions:  
Must be enrolled in one of the following Program Level(s):  
Graduate Quarter

**EMS 618 - Regulatory Compliance Issues**

Covers regulatory basics and related issues regarding external agencies involved in public service delivery. Examines agencies and documents from FEMA, JCAHO, OSHA, NIOSH, and others. Explores why these

regulations are developed, the process by which they come into existence, and how applicable regulations can be found.  
Credits: 3.00  
College: Nursing & Health Professions  
Department: CNHP - EMS Graduate  
Restrictions:  
Must be enrolled in one of the following Program Level(s):  
Graduate Quarter

**EMS 622 - Managed Care Principles**

Examines current health care financial strategies locally and nationally, including the concepts of managed care, members, continuum of care, shared risk, capitation, population-based health care delivery, and others. This course explores marketplace challenges and impacts of current legislations and reimbursement changes.  
Credits: 3.00  
College: Nursing & Health Professions  
Department: CNHP - EMS Graduate  
Restrictions:  
Must be enrolled in one of the following Program Level(s):  
Graduate Quarter

**EMS 630 - Homeland Security and Incident Command**

This course focuses on existing incident management systems and procedures to the unique requirements of responding to threats against homeland security. The course includes web enhanced learning modules incorporating lectures, discussion and group exercises to effectively transition from single to a unified command.  
Credits: 3.00  
College: Nursing & Health Professions  
Department: CNHP - EMS Graduate  
Restrictions:  
Must be enrolled in one of the following Program Level(s):  
Graduate Quarter

**EMS 631 - Disaster Analysis and Management**

Credits: 3.00  
College: Nursing & Health Professions  
Department: CNHP - EMS Graduate  
Restrictions:  
Must be enrolled in one of the following Program Level(s):  
Graduate Quarter

**EMS 645 - Disaster and Emergency Preparedness**

This course incorporates concepts from EMS 631 as a total program approach for disaster/emergency management and business continuity programs. It will aid first responders in their efforts to develop and maintain a viable all-hazard emergency operations program that is consistent with the national strategy for infrastructure protection.  
Credits: 3.00  
College: Nursing & Health Professions  
Department: CNHP - EMS Graduate  
Restrictions:  
Must be enrolled in one of the following Program Level(s):  
Graduate Quarter

**EMS 706 - Special Topics I**

Special topics allows for currency of the curriculum to explore new areas and development of new curricular directions.

Credits: 3.00

College: Nursing & Health Professions

Department: CNHP - EMS Graduate

Restrictions:

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

Graduate Quarter

### **EMS 707 - Special Topics II**

Special Topics allow for currency of the curriculum to explore new areas and development of new curricular directions.

Credits: 3.00

College: Nursing & Health Professions

Department: CNHP - EMS Graduate

Restrictions:

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

Graduate Quarter

### **EMS 710 - Thesis/Project I**

Credits: 3.00

College: Nursing & Health Professions

Department: CNHP - EMS Graduate

Restrictions:

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

Graduate Quarter

### **EMS 711 - Thesis/Project II**

Credits: 3.00

College: Nursing & Health Professions

Department: CNHP - EMS Graduate

Restrictions:

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

Graduate Quarter

Pre-Requisites: EMS 710 Minimum Grade: C

### **EMS 712 - Thesis/Project III**

This course continues the research and development of an aspect of emergency management, public safety, or education for the completion and defense of the thesis or project started in Thesis II.

Credits: 3.00

College: Nursing & Health Professions

Department: CNHP - EMS Graduate

Restrictions:

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

Graduate Quarter

Pre-Requisites: EMS 711 Minimum Grade: C

### **EMS 900 - Registered for Degree Only (RDO)**

RDO is used after thesis defense for the period of time needed to complete the thesis requirements. Continuous enrollment needs to be maintained during this time.

Credits: 1.00

College: Nursing & Health Professions

Department: CNHP - EMS Graduate

Restrictions:

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

Graduate Quarter

Pre-Requisites: EMS 711 Minimum Grade: C

## **Neuroscience Courses**

### **NEUR 507 - Neuroscience I**

This course introduces the student to the structure and function of the nervous system. The neuron and central, peripheral and autonomic nervous systems are considered. The organization and physiological function of the general somatic sensory systems are emphasized.

Clinical correlations and problem solving will be introduced.

Credits: 3.00

College: Nursing & Health Professions

Department: CNHP - Rehabilitation Sciences

Restrictions:

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

Graduate Quarter

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

Physical Therapy

Rehabilitation Sciences

Pre-Requisites: PTRS 533 Minimum Grade: C and PTRS 531 Minimum

Grade: C and PTRS 535 Minimum Grade: C and PTRS 536 Minimum

Grade: C and PTRS 614 Minimum Grade: C

### **NEUR 508 - Neuroscience II**

The special somatic sensory systems are introduced in this course.

Emphasis is placed on voluntary movement. Lower and upper motor neurons, cerebellum and basal ganglia are described. Relationships of sensory and motor pathways to each other and to peripheral nerves are introduced in problem solving and clinical correlations.

Credits: 2.00

College: Nursing & Health Professions

Department: CNHP - Rehabilitation Sciences

Restrictions:

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

Graduate Quarter

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

Physical Therapy

Rehabilitation Sciences

Pre-Requisites: PTRS 620 Minimum Grade: C and PTRS 623 Minimum

Grade: C and NEUR 507 Minimum Grade: C and PTRS 624 Minimum

Grade: C and PTRS 638 Minimum Grade: C and PTRS 615 Minimum

Grade: C

### **NEUR 534 - Neuroscience**

This course describes: structure and functions of the human central nervous system; neurons; basic topography of the spinal cord and brain; major sensory and motor pathways; higher cortical functions. Neurological deficits resulting from stroke, brain trauma and other neuropathological processes; as well as implications for rehabilitation and psychotherapy are presented.

Credits: 3.00

College: Nursing & Health Professions

Department: CNHP - Master's Degree

Restrictions:

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

Master of Arts CNH for GR

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

Graduate Quarter

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

Creative Arts in Therapy

## Nursing Courses

### **NURS 500 - Confronting Issues in Contemporary Health Care Environments**

Confronting Issues in Contemporary Health Care Environments examines Health care policy and policies in terms of contemporary issues related to advanced practice nursing, health care access, quality and cost. The focus of this course is the critical analysis of health policy and legal issues.

Credits: 3.00

College: Nursing & Health Professions

Department: CNHP - Master's Degree

Restrictions:

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

Graduate Quarter

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

Nursing

### **NURS 502 - Advanced Ethical Decision Making in Health Care**

This is a course for masters students who have already had some experience in ethical decision making, both academically in the classroom and in practice. This course will take an interdisciplinary focus, as ethical decision making at this level rarely ever is the decision of a single discipline. A variety of ethical topics will be analyzed from various perspectives and depths in an effort to more broadly and more profoundly address the moral difficulties that the advanced practice practitioner in an interdisciplinary environment is likely to encounter.

Credits: 3.00

College: Nursing & Health Professions

Department: CNHP - Master's Degree

Restrictions:

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

Graduate Quarter

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

Nursing

### **NURS 503 - Basic Principles of Nurse Anesthesia**

This course is designed to provide the theoretical knowledge of basic equipment utilized in the routine care of the surgical patient. The objectives of this course are geared toward immediate application of the acquired anesthesia knowledge in the clinical setting.

Credits: 3.00

College: Nursing & Health Professions

Department: CNHP - Nurse Anesthesia

Restrictions:

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

Graduate Quarter

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

Nursing Anesthesia

Co-Requisites: NURS 504, NURS 526, NURS 549

### **NURS 504 - Overview of Nurse Anesthesia**

This course is designed to provide an overview of nurse anesthesia principles and basic anesthesia skills utilized in the routine care of the surgical patient. The lecture content is reinforced in the simulation lab experience. The objectives of this course are geared toward immediate application of the acquired knowledge in the simulated laboratory experience and for integration in the clinical setting.

Credits: 3.00

College: Nursing & Health Professions

Department: CNHP - Nurse Anesthesia

Restrictions:

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

Graduate Quarter

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

Nursing Anesthesia

Co-Requisites: NURS 503, NURS 526, NURS 549

### **NURS 505 - Chemistry and Physics**

Nurse anesthesia students examine physical phenomena relevant to anesthesia and anesthesia equipment. Basic organic chemistry, chemistry of drugs and specific technologies will be discussed.

Credits: 3.00

College: Nursing & Health Professions

Department: CNHP - Nurse Anesthesia

Restrictions:

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

Graduate Quarter

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

Nursing Anesthesia

Co-Requisites: NURS 507, NURS 508, NURS 520

Pre-Requisites: NURS 503 Minimum Grade: C and NURS 504 Minimum

Grade: C and NURS 549 Minimum Grade: C

### **NURS 506 - Health Policy**

The purpose of this course is to enhance the graduate student's ability to examine and evaluate social policy and its impact on health policy, health status and systems, delivery of care and on nursing practice, education and research.

Credits: 4.00

College: Nursing & Health Professions

Department: CNHP - Master's Degree

Restrictions:

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

Graduate Quarter

### **NURS 507 - Nurse Anesthesia Pharmacology I**

This course will provide an overview and in-depth analysis of general principles and concepts related to pharmacology of anesthetic agents used in clinical practice. Perioperative fluid management and blood components, an overview of general pharmacokinetics and pharmacodynamics principles, pharmacologic mechanism of action, effects on organ systems and considerations related to age and pathophysiological conditions will be explored.

Credits: 3.00

College: Nursing & Health Professions

Department: CNHP - Nurse Anesthesia

Restrictions:

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

Graduate Quarter

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

Nursing Anesthesia

Co-Requisites: NURS 505, NURS 508, NURS 520

Pre-Requisites: NURS 503 Minimum Grade: C and NURS 504 Minimum

Grade: C and NURS 549 Minimum Grade: C

### **NURS 508 - Nurse Anesthesia Clinical Practicum I**

Clinical Practicum courses are designed to enable the student to apply and integrate the knowledge gained in pre and co-requisite courses to

learn the skills to safely administer anesthesia to patients undergoing a wide variety of surgical or diagnostic procedures. These clinical practicums build on the student's previous anesthesia experiences each quarter.

Credits: 1.00

College: Nursing & Health Professions

Department: CNHP - Nurse Anesthesia

Restrictions:

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

Graduate Quarter

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

Nursing Anesthesia

Co-Requisites: NURS 505, NURS 507, NURS 520

Pre-Requisites: NURS 503 Minimum Grade: C and NURS 504 Minimum

Grade: C and NURS 549 Minimum Grade: C and NURS 526 Minimum

Grade: C

### **NURS 509 - Health Promotion**

This course addresses the health of individuals and populations from a systems perspective. Students investigate leading causes of illness and injury, develop and evaluate a multi-level intervention model. Focus is on the Health People 2010. Concepts and tools of continuous improvement are utilized.

Credits: 4.00

College: Nursing & Health Professions

Department: CNHP - Master's Degree

Restrictions:

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

Graduate Quarter

### **NURS 510 - Advanced Principles of Nurse Anesthesia I**

This course builds on the foundation learned in prerequisite courses. Emphasis is on the development of advanced knowledge of the respiratory system and cardiovascular systems. A comprehensive study of the physiology, pathophysiology and the relationship to patient management is the focus of the this course.

Credits: 3.00

College: Nursing & Health Professions

Department: CNHP - Nurse Anesthesia

Restrictions:

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

Graduate Quarter

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

Nursing Anesthesia

Co-Requisites: NURS 511, NURS 512, NURS 521

Pre-Requisites: NURS 520 Minimum Grade: C and NURS 505 Minimum

Grade: C and NURS 507 Minimum Grade: C and NURS 508 Minimum

Grade: C

### **NURS 511 - Nurse Anesthesia Pharmacology II**

This course will provide a continued in-depth analysis of general principles and concepts related to pharmacology of anesthetic agents used in clinical practice. The objective of this course are geared toward immediate application of the acquired knowledge for integration in the clinical setting. Additional drugs will be presented.

Credits: 3.00

College: Nursing & Health Professions

Department: CNHP - Nurse Anesthesia

Restrictions:

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

Graduate Quarter

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

Nursing Anesthesia

Co-Requisites: NURS 510, NURS 512, NURS 521

Pre-Requisites: NURS 507 Minimum Grade: C

### **NURS 512 - Nurse Anesthesia Clinical Practicum II**

Clinical Practicum II will provide the opportunity for the novice student to participate in the anesthesia management of healthy patients undergoing uncomplicated surgical and/or diagnostic procedures.

Credits: 1.00

College: Nursing & Health Professions

Department: CNHP - Nurse Anesthesia

Restrictions:

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

Graduate Quarter

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

Nursing Anesthesia

Co-Requisites: NURS 510, NURS 511, NURS 521

Pre-Requisites: NURS 505 Minimum Grade: C and NURS 507 Minimum

Grade: C and NURS 508 Minimum Grade: C and NURS 520 Minimum

Grade: C

### **NURS 513 - Research and Theory I**

The course is designed to provide professional graduate students with the skills necessary to evaluate the relationship between practice and published research. The course content includes an overview of research concepts, ethics in research, literature reviews, quantitative and qualitative research designs, research methods, and data analysis.

Credits: 4.00

College: Nursing & Health Professions

Department: CNHP - Master's Degree

Restrictions:

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

Graduate Quarter

### **NURS 514 - Leadership in Nursing**

This course addresses key concepts and skills required of nurses in today's health care climate, including the ability to analyze situations from a systems perspective, identity and attend to the context in which information is given and perceived, and to enhance interactions by clarifying communication.

Credits: 3.00

College: Nursing & Health Professions

Department: CNHP - Master's Degree

Restrictions:

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

Graduate Quarter

### **NURS 515 - Advanced Principles of Nurse Anesthesia II**

This course extends the knowledge learned in basic principles. During this quarter, students learn anesthetic management principles for regional anesthesia, orthopedic surgery, renal patients, morbidly obese patients and pediatrics. Important concepts include anatomical, physiological and pathophysiological, and pharmacological principles.

Credits: 3.00

College: Nursing & Health Professions

Department: CNHP - Nurse Anesthesia

Restrictions:

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

Graduate Quarter

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

Nursing Anesthesia

Co-Requisites: NURS 516, NURS 522

Pre-Requisites: NURS 510 Minimum Grade: C and NURS 511 Minimum Grade: C and NURS 512 Minimum Grade: C and NURS 521 Minimum Grade: C

### **NURS 516 - Nurse Anesthesia Clinical Practicum III**

Clinical Practicum III will provide the student the opportunity to administer anesthesia to patients scheduled for more complex surgical procedures and who may also exhibit significant pathophysiology. Students will begin to analyze the patient's physiological response to intra-operative surgical events and adjust the anesthetic and regional anesthesia.

Credits: 2.00

College: Nursing & Health Professions

Department: CNHP - Nurse Anesthesia

Restrictions:

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

Graduate Quarter

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

Nursing Anesthesia

Co-Requisites: NURS 515, NURS 522

Pre-Requisites: NURS 521 Minimum Grade: C and NURS 510 Minimum Grade: C and NURS 511 Minimum Grade: C and NURS 512 Minimum Grade: C

### **NURS 517 - Nurse Anesthesia Clinical Practicum IV**

Clinical practicum IV will provide the student the opportunity to administer anesthesia to patients scheduled for more complex surgical procedures and who may also exhibit significant pathophysiology. Students will begin to analyze the patient's physiological response to intra-operative surgical events and adjust the anesthetic and regional anesthesia.

Credits: 3.00

College: Nursing & Health Professions

Department: CNHP - Nurse Anesthesia

Restrictions:

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

Graduate Quarter

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

Nursing Anesthesia

Co-Requisites: NURS 518, NURS 524, NURS 530

Pre-Requisites: NURS 515 Minimum Grade: C and NURS 516 Minimum Grade: C and NURS 522 Minimum Grade: C

### **NURS 518 - Advanced Principles of Nurse Anesthesia III**

The content presented will enable the student to incorporate previous learned knowledge of physiology, pathophysiology, pharmacology, and patient management into the care of subspecialty populations with more complex medical problems. The anesthesia management of the pregnant, cardiothoracic, neurosurgical and burn patient will be presented.

Credits: 3.00

College: Nursing & Health Professions

Department: CNHP - Nurse Anesthesia

Restrictions:

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

Graduate Quarter

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

Nursing Anesthesia

Co-Requisites: NURS 517, NURS 524, NURS 530

Pre-Requisites: NURS 515 Minimum Grade: C and NURS 516 Minimum Grade: C and NURS 522 Minimum Grade: C

### **NURS 520 - Advanced Physiology**

This course presents the essentials of organ system function in humans, with an emphasis on the integration of neural and hormonal mechanisms in the control of organ system function. This course is limited to students in the Nursing Anesthesia Program of the College of Nursing and Health Professions

Credits: 3.00

College: Nursing & Health Professions

Department: CNHP - Master's Degree

Restrictions:

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

Graduate Quarter

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

Nursing Anesthesia

### **NURS 521 - Advanced Pathophysiology I**

A detailed discussion of the disturbances of normal function and basic mechanisms involved in the diseases of the major organ systems and the general aspects of the common human pathophysiological conditions and syndromes. This course includes general pathological processes that are specific to the cardiovascular system.

Credits: 3.00

College: Nursing & Health Professions

Department: CNHP - Master's Degree

Pre-Requisites: NURS 520

### **NURS 522 - Advanced Pathophysiology II**

A detailed discussion of the disturbances of normal function and basic mechanisms involved in diseases of the major organ systems and the general aspects of the common human pathophysiological conditions and syndromes. This course includes respiratory, renal, digestive, hepatobiliary and pancreatic pathophysiology.

Credits: 3.00

College: Nursing & Health Professions

Department: CNHP - Master's Degree

Restrictions:

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

Graduate Quarter

Pre-Requisites: NURS 521

### **NURS 523 - Advanced Pathophysiology III**

A detailed discussion of the disturbances of normal function and basic mechanisms involved in diseases of the major organ systems and the general aspects of the common human pathophysiological conditions and syndromes. This course includes the endocrine, reproductive, sensory/motor pathways, pain pathways, neuromuscular, neurological, and skeletal pathophysiology.

Credits: 3.00

College: Nursing & Health Professions

Department: CNHP - Master's Degree

Restrictions:

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

Graduate Quarter

Pre-Requisites: NURS 522 Minimum Grade: C

### **NURS 525 - Advanced Physiology**

This course builds on the student's knowledge of anatomy and physiology, emphasizing the complex nature of bodily function from the molecular to the systems level. The focus is on integrating the individual functions of all the body's cells into a total functional whole.

Credits: 4.00

College: Nursing & Health Professions

Department: CNHP - Master's Degree

Restrictions:

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

Graduate Quarter

Pre-Requisites: NURS 339 Minimum Grade: C

### **NURS 526 - Information, Innovation & Technology in Advanced Nursing Practice**

This course is designed to provide an in-depth introduction to information systems and technologies that support practice and improve patient care and outcomes. Students develop an understanding of relationships between patient care and information and data issues involved in clinical practice in addition to examining informatics issues within complex healthcare systems.

Credits: 3.00

College: Nursing & Health Professions

Department: CNHP - Master's Degree

Restrictions:

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

Graduate Quarter

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

Nursing

### **NURS 527 - Evidence Based Approaches to Practice**

This course focuses on using research to guide evidence-based practice. Communication, collaboration, and decision making skills from a multidisciplinary approach essential to collect, evaluate, and apply research to practice will be emphasized. During this course the student will learn to (1) conduct efficient, thorough searches of the research literature; (2) evaluate the quality of a body of research through an appraisal of design, methodology, and data analysis; (3) summarize the findings from an overall body of research; and (4) apply research evidence to issues of current nursing practice.

Credits: 3.00

College: Nursing & Health Professions

Department: CNHP - Master's Degree

Restrictions:

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

Graduate Quarter

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

Nursing

Pre-Requisites: RSCH 519 Minimum Grade: C and RSCH 523 Minimum Grade: C

### **NURS 530 - Anesthesia Seminar**

This seminar will integrate the academic and practical knowledge the student has acquired in the nurse anesthesia curriculum. Students will work independently with a faculty advisor to develop a State of the Science Paper on a topic relevant to anesthesia practice. Students are

required to perform a comprehensive review of the literature, provide an educational hand-out to their colleagues and present the information using multimedia approaches.

Credits: 1.00

College: Nursing & Health Professions

Department: CNHP - Nurse Anesthesia

Restrictions:

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

Graduate Quarter

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

Nursing Anesthesia

Co-Requisites: NURS 517, NURS 518, NURS 524

Pre-Requisites: NURS 515 Minimum Grade: C and NURS 516 Minimum Grade: C and NURS 522 Minimum Grade: C

### **NURS 548 - Advanced Pathophysiology**

Building on a foundation of normal physiology, students are exposed to the major disturbances of normal function and the basic mechanisms involved in disease of the major organ systems. The course includes discussion of the general aspects of the common human pathophysiological conditions and syndromes.

Credits: 3.00

College: Nursing & Health Professions

Department: CNHP - Master's Degree

Restrictions:

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

Graduate Quarter

### **NURS 549 - Advanced Pharmacology**

This course is designed to build on prior pharmacologic study of actions and effects of drugs on the human system across the life span. Students will study pharmacologic mechanisms of action, effects on organ systems, routes of administration, pharmacokinetics, therapeutic uses, considerations related to age and physiologic state, adverse reactions, contraindications, and drug interactions.

Credits: 3.00

College: Nursing & Health Professions

Department: CNHP - Master's Degree

Restrictions:

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

Graduate Quarter

### **NURS 550 - Advanced Physical Assessment & Diagnostic Reasoning**

This course is designed to introduce the experienced clinical nurse to advanced clinical history taking and physical assessment for adult and pediatric patients. Course content focuses on concepts, theory and practice obtaining comprehensive health histories for patients of all ages and states of health.

Credits: 4.00

College: Nursing & Health Professions

Department: CNHP - Master's Degree

Restrictions:

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

Graduate Quarter

### **NURS 554 - Pharmacology for Acute Care Nurse Practitioners**

This course is designed to prepare the Acute Care Nurse Practitioner student for the safe managing and prescribing of therapeutic agents utilized in acute care settings. Students will build on prior



pharmacologic study of actions and effects of medications on the human system across the adult life span.

Credits: 3.00

College: Nursing & Health Professions

Department: CNHP - Master's Degree

Restrictions:

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

Graduate Quarter

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

Nursing

Pre-Requisites: NURS 549 Minimum Grade: C

### **NURS 555 - Psychopharmacology**

This course presents current scientific knowledge of psychopharmacology and its application to clinical problems commonly seen in a variety of settings. The course addresses advanced concepts in neuroscience, pharmacokinetics, and pharmacodynamics and the clinical management of target psychiatric symptoms related to psychopharmacologic treatment of various psychiatric disorders.

Credits: 3.00

College: Nursing & Health Professions

Department: CNHP - Master's Degree

Restrictions:

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

Graduate Quarter

### **NURS 556 - Pharmacology for Family Nurse Practitioners**

This course is designed to prepare the FNP students for the safe managing and prescribing of therapeutics. Students will study pharmacologic mechanisms of action, effects on organ systems, routes of administration, pharmacokinetics, therapeutic uses, considerations related to physiologic state, adverse reactions, contraindications and drug interactions.

Credits: 3.00

College: Nursing & Health Professions

Department: CNHP - Master's Degree

Restrictions:

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

Graduate Quarter

Pre-Requisites: NURS 548 Minimum Grade: C and NURS 549 Minimum Grade: C

### **NURS 557 - Leadership and Stewardship in the Health Professions**

Changes in the health care system are demanding practitioners with well-honed leadership skills and with a sense of stewardship. This course explores the concepts of leadership and stewardship from a historical and contemporary perspective with particular application to the health professions.

Credits: 3.00

College: Nursing & Health Professions

Department: CNHP - Master's Degree

Restrictions:

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

Graduate Quarter

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

Nursing

### **NURS 558 - Economics of Healthcare Management & Policy**

Understanding the economic and financial issues that affect today's health care environment is required for the nurse providing evidence-based services to manage and compete effectively in the health care marketplace. This course will address the changing demands for health care services, quality improvement and management measures and cost containment strategies.

Credits: 3.00

College: Nursing & Health Professions

Department: CNHP - Master's Degree

Restrictions:

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

Graduate Quarter

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

Nursing

### **NURS 559 - Operations Management in Contemporary Healthcare Organizations**

Ongoing demands for increased productivity, quality and service have resulted in a renewed emphasis on operational efficiency in the delivery of healthcare services and nursing care. This course will utilize clinical practice settings and case studies to examine critical issues related to restructuring patient care delivery models and clinical practice.

Credits: 3.00

College: Nursing & Health Professions

Department: CNHP - Master's Degree

Restrictions:

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

Graduate Quarter

Must be enrolled in one of the following College(s)/School(s):

Nursing & Health Professions

Pre-Requisites: NURS 557 Minimum Grade: C

### **NURS 563 - Building and Leading High Performance Healthcare Organizations**

This course presents an intensive examination of the role of organizational leaders in building and leading high performance teams for maximum effectiveness. It is focused on the evolving roles of leaders as they advance from front line to higher level management positions in clinical settings.

Credits: 3.00

College: Nursing & Health Professions

Department: CNHP - Master's Degree

Restrictions:

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

Graduate Quarter

Must be enrolled in one of the following College(s)/School(s):

Nursing & Health Professions

Pre-Requisites: NURS 557 Minimum Grade: C

### **NURS 564 - The Business of Healthcare**

This course will address the basics of financial management in health care organizations including accounting, cost analysis, managing financial resources, and other management tools helpful to a nurse manager. Budget development and FTE allocation will be addressed along with federal and state regulations.

Credits: 3.00

College: Nursing & Health Professions

Department: CNHP - Master's Degree

Restrictions:

Must be enrolled in one of the following Program Level(s):  
Graduate Quarter  
Must be enrolled in one of the following College(s)/School(s):  
Nursing & Health Professions

#### **NURS 567 - Strategic Management: Power, Politics and Influence in Healthcare Systems**

Nursing care is increasingly recognized as vital to the success of healthcare initiatives and organizations. This course will utilize a systems focus to analyze the "fit" and "position" of nursing within organizations. Issues related to power, politics and influence; the ethics of scarcity management systems and processes; and organizational dynamics will be examined.

Credits: 3.00

College: Nursing & Health Professions

Department: CNHP - Master's Degree

Restrictions:

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

Graduate Quarter

Must be enrolled in one of the following College(s)/School(s):

Nursing & Health Professions

Pre-Requisites: NURS 557 Minimum Grade: C and NURS 559 Minimum Grade: C and NURS 563 Minimum Grade: C and NURS 564 Minimum Grade: C

#### **NURS 568 - Practicum and Symposium in Healthcare Operations Management**

This practicum provides the Student an opportunity to operationalize the leadership role in appropriate agencies and facilities in conjunction with an expert nursing leader. A capstone project involving a project of interest to both the Student and the organization will be initiated, to be completed in conjunction with NURS 569.

Credits: 3.00

College: Nursing & Health Professions

Department: CNHP - Master's Degree

Restrictions:

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

Graduate Quarter

Must be enrolled in one of the following College(s)/School(s):

Nursing & Health Professions

Pre-Requisites: NURS 559 Minimum Grade: C

#### **NURS 569 - Practicum and Symposium in Technology and Management of Information in Healthcare Organizations**

The focus of the practicum will be on exposure to the management of information to support decision-making, communication, and strategic planning. These include systems for managing human resources, improving quality of care and tracking organizational metrics. The capstone project begun in the Operations Management Practicum (NURS 568) will be completed.

Credits: 3.00

College: Nursing & Health Professions

Department: CNHP - Master's Degree

Restrictions:

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

Graduate Quarter

Must be enrolled in one of the following College(s)/School(s):

Nursing & Health Professions

Pre-Requisites: NURS 568 Minimum Grade: C

#### **NURS 570 - Adult Acute Care Nurse Practitioner I: Role and Scope of Practice**

This course is designed to capture the essence of the role of the Acute Care Nurse Practitioner in comprehensive, complex environments. Professional issues related to the scope of practice for integrating into a complex system are explored. Students prepare for entry into a high intensity system by understanding the interdisciplinary facets of acute care.

Credits: 5.00

College: Nursing & Health Professions

Department: CNHP - Master's Degree

Restrictions:

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

Graduate Quarter

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

Nursing

Pre-Requisites: NURS 548 Minimum Grade: C and NURS 549 Minimum Grade: C and NURS 605 Minimum Grade: C and NURS 550 Minimum Grade: C

#### **NURS 571 - Adult Acute Care Nurse Practitioner II: Management and Care of Clients in Medical Settings**

This course is designed to introduce students to the practice of the Acute Care Nurse Practitioner in managing the medical problems in the complex acute, critical, and chronically ill clients who are hospitalized.

Credits: 5.00

College: Nursing & Health Professions

Department: CNHP - Master's Degree

Restrictions:

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

Graduate Quarter

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

Nursing

Pre-Requisites: NURS 548 Minimum Grade: C and NURS 549 Minimum Grade: C and NURS 550 Minimum Grade: C and NURS 605 Minimum Grade: C and NURS 570 Minimum Grade: C

#### **NURS 572 - Adult Acute Care Nurse Practitioner III: Management and Care of Clients in Surgical Settings**

This course is designed to introduce students to the practice of the Acute Care Nurse Practitioner in managing the surgical problems in the complex acute, critical and chronically ill clients who are hospitalized.

Credits: 5.00

College: Nursing & Health Professions

Department: CNHP - Master's Degree

Restrictions:

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

Graduate Quarter

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

Nursing

Pre-Requisites: NURS 548 Minimum Grade: C and NURS 549 Minimum Grade: C and NURS 550 Minimum Grade: C and NURS 605 Minimum Grade: C and NURS 570 Minimum Grade: C and NURS 571 Minimum Grade: C

#### **NURS 573 - Adult Acute Care Nurse Practitioner IV: Management and Care of Clients in Critical Care Settings**

This course is designed to introduce students to the practice of the Acute Care Nurse Practitioner in managing problems in complex critically ill clients who are hospitalized.

Credits: 5.00

College: Nursing & Health Professions

Department: CNHP - Master's Degree

Restrictions:

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

Graduate Quarter

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

Nursing

Pre-Requisites: NURS 548 Minimum Grade: C and NURS 549 Minimum

Grade: C and NURS 550 Minimum Grade: C and NURS 605 Minimum

Grade: C and NURS 570 Minimum Grade: C and NURS 571 Minimum

Grade: C and NURS 572 Minimum Grade: C

### **NURS 575 - Family Nurse Practitioner II: Primary Care of Infants, Children and Adolescents**

This course is designed to introduce the FNP student to primary care of children and their family. The student will begin the critical analysis of clinical strategies and interventions in health promotion, health maintenance, disease prevention and common health problems seen primarily in pediatric populations.

Credits: 5.00

College: Nursing & Health Professions

Department: CNHP - Master's Degree

Restrictions:

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

Graduate Quarter

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

Nursing

Pre-Requisites: RSCH 519 Minimum Grade: C and RSCH 523 Minimum

Grade: C and NURS 500 Minimum Grade: C and NURS 502 Minimum

Grade: C and NURS 526 Minimum Grade: C and NURS 527 Minimum

Grade: C and NURS 548 Minimum Grade: C and NURS 549 Minimum

Grade: C and NURS 550 Minimum Grade: C and NURS 556 Minimum

Grade: C

### **NURS 576 - Family Nurse Practitioner III: Primary Care of Adults**

This course is designed to introduce the students to primary care of the adult population with a focus on well adult care and the management of acute illness. Critical analysis of clinical strategies and interventions in health promotion, health maintenance, disease prevention and common health problems seen primarily in adult populations are studied.

Credits: 5.00

College: Nursing & Health Professions

Department: CNHP - Master's Degree

Restrictions:

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

Graduate Quarter

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

Nursing

Pre-Requisites: RSCH 519 Minimum Grade: C and RSCH 523 Minimum

Grade: C and NURS 500 Minimum Grade: C and NURS 502 Minimum

Grade: C and NURS 526 Minimum Grade: C and NURS 527 Minimum

Grade: C and NURS 548 Minimum Grade: C and NURS 549 Minimum

Grade: C and NURS 550 Minimum Grade: C and NURS 556 Minimum

Grade: C and NURS 575 Minimum Grade: C and NURS 578 Minimum

Grade: C

### **NURS 577 - Family Nurse Practitioner IV: Primary Geriatric Care**

This course is designed to introduce the NP student to primary care of the adult population with a focus on well adult care of the older adult with multisystem and chronic illnesses. Critical analysis of clinical strategies and interventions in health promotion, health maintenance, disease prevention and common chronic health problems seen primarily in older adult populations are studied.

Credits: 5.00

College: Nursing & Health Professions

Department: CNHP - Master's Degree

Restrictions:

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

Graduate Quarter

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

Nursing

Pre-Requisites: RSCH 519 Minimum Grade: C and RSCH 523 Minimum

Grade: C and NURS 500 Minimum Grade: C and NURS 502 Minimum

Grade: C and NURS 526 Minimum Grade: C and NURS 527 Minimum

Grade: C and NURS 548 Minimum Grade: C and NURS 549 Minimum

Grade: C and NURS 550 Minimum Grade: C and NURS 556 Minimum

Grade: C and NURS 575 Minimum Grade: C and NURS 576 Minimum

Grade: C and NURS 578 Minimum Grade: C

### **NURS 578 - Family Nurse Practitioner V: Primary Care of Women**

This course is designed to introduce the FNP student to the health care of women. Critical analysis of clinical strategies and interventions in health promotion, health maintenance, disease prevention and common health problems seen primarily in female populations is studied. Emphasis is on the care of women from menarche through menopause, including the care of pregnant women.

Credits: 5.00

College: Nursing & Health Professions

Department: CNHP - Master's Degree

Restrictions:

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

Graduate Quarter

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

Nursing

Co-Requisites: NURS 579

Pre-Requisites: RSCH 519 Minimum Grade: C and RSCH 523 Minimum

Grade: C and NURS 500 Minimum Grade: C and NURS 502 Minimum

Grade: C and NURS 526 Minimum Grade: C and NURS 527 Minimum

Grade: C and NURS 548 Minimum Grade: C and NURS 549 Minimum

Grade: C and NURS 550 Minimum Grade: C and NURS 556 Minimum

Grade: C and NURS 575 Minimum Grade: C

### **NURS 579 - FNP V**

This course is designed to assist the student to apply knowledge from all of the previous clinical courses to guide them in the transition from student to practitioner. Content will include extensive use of case management of complex problems seen in Family Practice.

Credits: 4.00

College: Nursing & Health Professions

Department: CNHP - Master's Degree

Restrictions:

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

Graduate Quarter

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

Nursing

Co-Requisites: NURS 578

Pre-Requisites: RSCH 519 Minimum Grade: C and RSCH 523 Minimum Grade: C and NURS 500 Minimum Grade: C and NURS 502 Minimum Grade: C and NURS 526 Minimum Grade: C and NURS 527 Minimum Grade: C and NURS 548 Minimum Grade: C and NURS 549 Minimum Grade: C and NURS 550 Minimum Grade: C and NURS 556 Minimum Grade: C and NURS 575 Minimum Grade: C and NURS 576 Minimum Grade: C and NURS 577 Minimum Grade: C and NURS 578 Minimum Grade: C

### **NURS 582 - Foundation of Good Clinical Practice in Clinical Trials Mngmt**

This foundation course in clinical research provides a comprehensive review of the fundamentals of human clinical research. It includes the principles of Good Clinical Practice (GCPs), regulatory requirements and guidelines, and ethical requirements for human drug and device development in the United States.

Credits: 3.00

College: Nursing & Health Professions

Department: CNHP - Master's Degree

Restrictions:

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

Graduate Quarter

### **NURS 583 - Operational Leadership in Clinical Trials Management**

This course focuses intensely on the integration and application of Good Clinical Practices (GCPs) and regulatory requirements in clinical trials management, including the development of an informed consent and responsibilities of an IRB. There is a strong focus on the financial aspects of study management including developments of study budgets.

Credits: 3.00

College: Nursing & Health Professions

Department: CNHP - Master's Degree

Restrictions:

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

Graduate Quarter

Pre-Requisites: NURS 582 Minimum Grade: C

### **NURS 584 - Current Topics in Clinical Trials**

This third course in clinical research builds on the regulatory knowledge and skills learned in the foundation courses and offers an opportunity for the student to explore current topics in clinical trials management. It focuses on the challenges of running a clinical trial including fraud, adverse event reporting and patient recruitment.

Credits: 3.00

College: Nursing & Health Professions

Department: CNHP - Master's Degree

Restrictions:

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

Graduate Quarter

Pre-Requisites: NURS 582 Minimum Grade: C and NURS 583 Minimum Grade: C

### **NURS 585 - Clinical Trials Research Practicum**

The practicum/project provides an opportunity for the student to operationalize the clinical trials role in appropriate agencies and facilities in conjunction with an expert clinical trials researcher.

Emphasis is placed on practical experience in the clinical trials research

process. A capstone project will be completed in conjunction with the practicum.

Credits: 5.00

College: Nursing & Health Professions

Department: CNHP - Master's Degree

Restrictions:

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

Graduate Quarter

Pre-Requisites: NURS 582 Minimum Grade: C and NURS 583 Minimum Grade: C and NURS 584 Minimum Grade: C

### **NURS 586 - Innovation in Advanced Nursing Practice: Theory and Application**

Explores the theoretical literature from diverse disciplines on how innovations are conceived and implemented, particularly in nursing practice, and how such innovations run their course and spawn other innovations. Professional issues, practice issues, legislative issues, certification issues, insurance issues, legal issues and ethical conflict resolution in advanced nursing practice are explored.

Credits: 3.00

College: Nursing & Health Professions

Department: CNHP - Master's Degree

Restrictions:

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

Graduate Quarter

Must be enrolled in one of the following College(s)/School(s):

Nursing & Health Professions

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

Nursing

### **NURS 587 - Case Studies in Intra/Entrepreneurship and Innovation in Nursing**

Using a case study model of great and bad ideas in nursing practice, education, and administration, students will explore some of the intra/entrepreneurial experiments, innovations and creative ventures in nursing, including both successes and failures. Professional issues, practice issues, legislative issues, certification issues, insurance issues, legal issues and ethical conflict resolution in advanced nursing practice are explored.

Credits: 3.00

College: Nursing & Health Professions

Department: CNHP - Master's Degree

Restrictions:

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

Graduate Quarter

Must be enrolled in one of the following College(s)/School(s):

Nursing & Health Professions

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

Nursing

### **NURS 588 - The Nurse as Intra/Entrepreneur and Consultant**

Using a business development model, each individual will create a business plan from vision, through action plan, to opening day. Researcher, expert and leader are presented and explored.

Interpretation and application, professional issues, practice issues, legislative issues, certification issues, insurance issues, legal issues and ethical conflict resolution in advanced nursing practice are explored.

Credits: 3.00

College: Nursing & Health Professions

Department: CNHP - Master's Degree

Restrictions:

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

Graduate Quarter

Must be enrolled in one of the following College(s)/School(s):

Nursing & Health Professions

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

Nursing

### **NURS 590 - Versatile Individualized Program I**

The focus of the project is determined by the student and Track Coordinator. The project and related assignments will be individualized to match the student's selected area of focus. The project should contribute to the body of nursing knowledge and prepare the student to be a leader in this area of knowledge.

Credits: 3.00

College: Nursing & Health Professions

Department: CNHP - Master's Degree

Restrictions:

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

Graduate Quarter

Must be enrolled in one of the following College(s)/School(s):

Nursing & Health Professions

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

Nursing

Pre-Requisites: RSCH 519 Minimum Grade: C and RSCH 523 Minimum

Grade: C and NURS 500 Minimum Grade: C and NURS 502 Minimum

Grade: C and NURS 526 Minimum Grade: C and NURS 527 Minimum

Grade: C

### **NURS 592 - PMHNP1: Theoretical Foundations of Psychiatric Mental Health**

This course introduces conceptual models and theories related to the practice of psychiatric mental health nursing. Models of personality development and individual functioning provide a theoretical basis for understanding the development of psychopathology and the selection of appropriate therapeutic strategies.

Credits: 5.00

College: Nursing & Health Professions

Department: CNHP - Master's Degree

Restrictions:

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

Graduate Quarter

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

Nursing

Pre-Requisites: RSCH 519 Minimum Grade: C and RSCH 523 Minimum

Grade: C and NURS 500 Minimum Grade: C and NURS 502 Minimum

Grade: C and NURS 526 Minimum Grade: C and NURS 527 Minimum

Grade: C and NURS 548 Minimum Grade: C and NURS 549 Minimum

Grade: C and NURS 550 Minimum Grade: C and NURS 555 Minimum

Grade: C

### **NURS 593 - PMHNP II: Management and Care of Clients with Acute and Chronic Medical Illness**

This course focuses on assessment, diagnosis and management of common mental disorders, of schizophrenia and severe and persistent mental illness. The role of the PMHNP in various models of community mental health will be addressed. Analysis of health care systems and advocacy to improve patient/population outcomes will be discussed.

Credits: 5.00

College: Nursing & Health Professions

Department: CNHP - Master's Degree

Restrictions:

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

Graduate Quarter

Pre-Requisites: NURS 548 Minimum Grade: C and NURS 549 Minimum

Grade: C and NURS 550 Minimum Grade: C and NURS 555 Minimum

Grade: C and NURS 592 Minimum Grade: C

### **NURS 594 - PMHNP III: Psychiatric Conditions in Primary Care**

This course focuses on assessment, differential diagnostic process, and management of psychiatric conditions common in primary care settings such as eating disorders, anxiety, substance abuse and depression.

Students will critically analyze clinical strategies and interventions in health promotion, health maintenance, and prevention of common psychiatric problems in primary care. Group therapy as a therapeutic modality will be addressed.

Credits: 5.00

College: Nursing & Health Professions

Department: CNHP - Master's Degree

Restrictions:

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

Graduate Quarter

Pre-Requisites: NURS 548 Minimum Grade: C and NURS 549 Minimum

Grade: C and NURS 550 Minimum Grade: C and NURS 555 Minimum

Grade: C and NURS 592 Minimum Grade: C and NURS 593 Minimum

Grade: C

### **NURS 595 - PMHNP IV: Management and Mental Health Care of Special Populations**

Course focuses on assessment, diagnosis and management of common psychiatric conditions in older adults, women and minorities. Issues on health disparity in mental health care in these populations are discussed. The role of advanced practice psychiatric mental health nurse practitioner in consultation-liaison is addressed. Students will analyze societal, systems, legal and ethical issues which affect the advanced practice psychiatric nursing role in the delivery of care to older adults, women and minorities.

Credits: 5.00

College: Nursing & Health Professions

Department: CNHP - Master's Degree

Restrictions:

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

Graduate Quarter

Pre-Requisites: NURS 548 Minimum Grade: C and NURS 549 Minimum

Grade: C and NURS 550 Minimum Grade: C and NURS 555 Minimum

Grade: C and NURS 592 Minimum Grade: C and NURS 593 Minimum

Grade: C and NURS 594 Minimum Grade: C

### **NURS 596 - Versatile Indiv Program II**

The focus of the project is determined by the student and Track Coordinator. The project and related assignments will be individualized to match the student's selected area of focus. The project should contribute to the body of nursing knowledge and prepare the student to be a leader in this area of knowledge.

Credits: 3.00

College: Nursing & Health Professions

Department: CNHP - Master's Degree

Restrictions:

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

Graduate Quarter

Must be enrolled in one of the following College(s)/School(s):  
Nursing & Health Professions

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

Nursing

Pre-Requisites: RSCH 519 Minimum Grade: C and RSCH 523 Minimum Grade: C and RSCH 526 Minimum Grade: C and NURS 500 Minimum Grade: C and NURS 502 Minimum Grade: C and NURS 526 Minimum Grade: C and NURS 527 Minimum Grade: C and NURS 590 Minimum Grade: C

#### **NURS 597 - Clinic & Didactic Tchng Meth**

The purpose of this course is to prepare the prospective nurse faculty with the foundational principles and skills necessary for didactic teaching in the classroom and for supervision in clinical settings. Educational theories and instructional methods will be explored to enhance learning among traditional and non-traditional student populations in differing types of programs within the higher education environment.

Credits: 3.00

College: Nursing & Health Professions

Department: CNHP - Master's Degree

Restrictions:

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

Graduate Quarter

Co-Requisites: NURS 598, NURS 599

#### **NURS 598 - Teaching Critical Thinking & Clinical Decision-Making in Nursing**

This course is designed to prepare the prospective nurse faculty with theoretical principles, process, and instructional skills to promote critical thinking that result in appropriate clinical decision-making when interacting with student nurses in the classroom and clinical settings. Techniques for the facilitation of learning will be emphasized.

Credits: 3.00

College: Nursing & Health Professions

Department: CNHP - Master's Degree

Restrictions:

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

Graduate Quarter

Co-Requisites: NURS 599

Pre-Requisites: NURS 597 Minimum Grade: C

#### **NURS 599 - Curriculum Design, Measurement and Evaluation in Nursing Education**

This course offers the student practical applications in the design and assessment of individual courses within the design of programmatic nursing curricula including development of learning objectives and teaching strategies to achieve programmatic learning outcomes, systematic test construction using multiple-choice format and alternative formats, and basic test statistics.

Credits: 3.00

College: Nursing & Health Professions

Department: CNHP - Master's Degree

Restrictions:

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

Graduate Quarter

Pre-Requisites: NURS 597 Minimum Grade: C and NURS 598 Minimum Grade: C

#### **NURS 601 - Advanced Health Assessment**

This course provides physical assessment didactic and lab experiences which builds upon NURS 201, Health Assessment Across the Lifespan. Students will refine the history taking and physical assessment skills necessary for advanced nursing roles. Students collect, synthesize, assess and interpret data from a variety of sources.

Credits: 6.00

College: Nursing & Health Professions

Department: CNHP - Master's Degree

Restrictions:

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

Graduate Quarter

Co-Requisites: NURS 525

Pre-Requisites: NURS 506 Minimum Grade: C and NURS 509 Minimum Grade: C and NURS 513 Minimum Grade: C and NURS 611 Minimum Grade: C

#### **NURS 605 - Pharmacology for Acute Care Nurse Practitioner**

This course is designed to prepare the Adult Acute Care Nurse Practitioner student for the safe managing and prescribing of therapeutics. Students will study pharmacologic mechanisms of action, effects on organ systems, routes of administration, pharmacokinetics, therapeutic uses, considerations related to physiologic state, adverse reactions, contraindications, and drug interactions. Case studies will be used to aid students in the transition from course work to clinical practice.

Credits: 3.00

College: Nursing & Health Professions

Department: CNHP - Master's Degree

Restrictions:

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

Graduate Quarter

Pre-Requisites: NURS 548 Minimum Grade: C and NURS 549 Minimum Grade: C

#### **NURS 607 - Women's Health I**

The course includes didactic and clinical experiences focused on advances women's health nursing. Emphasis is on the care of women throughout the life cycle. Didactic and clinical course contact emphasizes clinical strategies, nursing care, and nursing interventions in women's health problems encountered in the in-patient-setting. This course requires concurrent participation in both clinical and didactic portions.

Credits: 7.00

College: Nursing & Health Professions

Department: CNHP - Master's Degree

Restrictions:

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

Graduate Quarter

#### **NURS 608 - Women's Health II**

The second course in the women's health concentration. The course includes didactic and clinical experiences. During the clinical experience, students focus on nursing interventions in health promotion, maintenance, prevention and acute health problems seen in female clients encountered in the community setting are presented. Emphasis is on the care of women throughout the life cycle.

Credits: 7.00

College: Nursing & Health Professions

Department: CNHP - Master's Degree

Restrictions:

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

Graduate Quarter

Pre-Requisites: NURS 607 Minimum Grade: C

### **NURS 611 - Research and Theory II**

This is the second course in a sequence of two required research courses in the graduate nursing program. The course builds on the foundation of a research proposal to student a problem in the student's identified areas of interest.

Credits: 4.00

College: Nursing & Health Professions

Department: CNHP - Master's Degree

Restrictions:

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

Graduate Quarter

Pre-Requisites: NURS 513 Minimum Grade: C

### **NURS 612 - The Nursing Academic in the Changing Higher Education Environment**

This course will address the basic concepts of higher education environments. The concepts of culture and organizational design, productivity, academic economics, academic freedom, networking & collaboration, rights and responsibilities, policy and protocols, continuing education, and the tenure process will be explored.

Credits: 3.00

College: Nursing & Health Professions

Department: CNHP - Master's Degree

Restrictions:

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

Graduate Quarter

Pre-Requisites: NURS 599 Minimum Grade: C

### **NURS 613 - The Role and Responsibility of the Nursing Professor**

Academic policies, protocols, and legal aspects of education will be explored. Campus relationships, prospective & current student issues as well as laws affecting students will be examined. Situational events that occur in the classroom and clinical settings will be highlighted for students to research, discuss and develop a format for applying case law to student faculty issues.

Credits: 3.00

College: Nursing & Health Professions

Department: CNHP - Master's Degree

Restrictions:

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

Graduate Quarter

Pre-Requisites: NURS 612 Minimum Grade: C

### **NURS 614 - Tech for Nurs Educ & Practice**

The purpose of this course is to expand on technology skills that support the nurse educator in the virtual learning environment. This course prepares the student educator with the skills to utilize available technology for the development of on-line course work for the academic setting and program development for staff and patient education and the preparation community outreach programs.

Credits: 3.00

College: Nursing & Health Professions

Department: CNHP - Master's Degree

Restrictions:

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

Graduate Quarter

### **NURS 621 - Adult Health I**

This course allows students to have an in-depth understanding and experience of adults across the spectrum of diseases and therapeutic treatment modalities. Students collaborate with health care providers to develop an interdisciplinary approach to the care of adult clients.

Credits: 7.00

College: Nursing & Health Professions

Department: CNHP - Master's Degree

Restrictions:

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

Graduate Quarter

Pre-Requisites: NURS 506 Minimum Grade: C and NURS 509 Minimum

Grade: C and NURS 513 Minimum Grade: C and NURS 525 Minimum

Grade: C and NURS 601 Minimum Grade: C and NURS 611 Minimum

Grade: C

### **NURS 622 - Adult Health II**

Students apply concepts, theories and research related to health promotion, health maintenance, restoration of chronic illness. Emphasis is placed on utilization of current technology at the point-of-care. Students collaborate with health care providers to develop an interdisciplinary approach to epidemiological problems in diverse adult populations.

Credits: 7.00

College: Nursing & Health Professions

Department: CNHP - Master's Degree

Restrictions:

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

Graduate Quarter

Pre-Requisites: NURS 621 Minimum Grade: C

### **NURS 626 - Masters Nursing Education Practicum I**

Each student will be assigned an expert nursing educator for each setting who meets specified criteria for the mentoring role. Clinical settings may vary according to the student's interests, goals, and career objectives. Emphasis is placed on demonstration of mastery of theoretical course work through a capstone project.

Credits: 3.00

College: Nursing & Health Professions

Department: CNHP - Master's Degree

Restrictions:

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

Graduate Quarter

Co-Requisites: NURS 669

Pre-Requisites: NURS 597 Minimum Grade: C and NURS 598 Minimum

Grade: C and NURS 599 Minimum Grade: C and NURS 612 Minimum

Grade: C and NURS 613 Minimum Grade: C and NURS 614 Minimum

Grade: C

### **NURS 627 - Masters Nursing Education Practicum II**

Each student will be assigned an expert nursing educator for each setting who meets specified criteria for the mentoring role. Clinical settings may vary according to the student's interests, goals, and career objectives. Emphasis is placed on demonstration of mastery of theoretical course work through a capstone project.

Credits: 3.00

College: Nursing & Health Professions  
Department: CNHP - Master's Degree  
Restrictions:  
Must be enrolled in one of the following Program Level(s):  
Graduate Quarter  
Co-Requisites: NURS 626, NURS 669  
Pre-Requisites: NURS 597 Minimum Grade: C and NURS 598 Minimum Grade: C and NURS 599 Minimum Grade: C and NURS 612 Minimum Grade: C and NURS 613 Minimum Grade: C and NURS 614 Minimum Grade: C

### **NURS 628 - Special Topics in Nursing**

This course covers special topics of relevance and significance to the disciplines of nursing. This course may be repeated three times for credit as topics vary from term to term.

Credits: 3.00

College: Nursing & Health Professions

Department: CNHP - Master's Degree

Restrictions:

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

Graduate Quarter

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

Nursing

### **NURS 629 - Independent Study in Nursing**

The Master's nursing student works under the guidance of a faculty member to study in depth a topic related to their Program of Study. Independent study courses can be undertaken when there is no specific formal coursework available to support the student's program of study. Specific objectives and requirements are negotiated individually and students will sign an Independent Study Contract. This course may be repeated three times for credit as topics vary from term to term.

Credits: 1.00 to 3.00

College: Nursing & Health Professions

Department: CNHP - Master's Degree

### **NURS 633 - Pediatric Health I**

The course includes didactic and clinical experiences focused on advanced child health nursing. Areas of focus include the spectrum of pediatric health services, technology, diversity, ethics, political and social dimension of pediatric health care and interdisciplinary collaborative team process skills.

Credits: 7.00

College: Nursing & Health Professions

Department: CNHP - Master's Degree

Restrictions:

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

Graduate Quarter

Pre-Requisites: NURS 506 Minimum Grade: C and NURS 509 Minimum Grade: C and NURS 513 Minimum Grade: C and NURS 525 Minimum Grade: C and NURS 609 Minimum Grade: C and NURS 611 Minimum Grade: C

### **NURS 634 - Pediatric Health II**

This course concentrates on the application of advanced nursing skills and knowledge related to pediatric assessment, pediatric and family theories and the economics, viability and availability of pediatric health care delivery systems locally and nationally. Student work with nurses and interdisciplinary collaborative teams.

Credits: 7.00

College: Nursing & Health Professions

Department: CNHP - Master's Degree

Restrictions:

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

Graduate Quarter

Pre-Requisites: NURS 633 Minimum Grade: C

### **NURS 636 - Capstone Project I**

The first of a 3 course sequence where under the direction of a nursing faculty mentor with direct expertise in the student's planned project, students will spend 3 quarters developing and producing a capstone project. Researcher, expert and leader are presented and explored. Interpretation and application, professional issues, practice issues, legislative issues, certification issues, insurance issues, legal and ethical conflict resolution in advanced nursing practice are explored.

Credits: 3.00

College: Nursing & Health Professions

Department: CNHP - Master's Degree

Restrictions:

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

Graduate Quarter

Must be enrolled in one of the following College(s)/School(s):

Nursing & Health Professions

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

Nursing

### **NURS 637 - Capstone Project II**

The second of a 3 course sequence where under the direction of a nursing faculty mentor with direct expertise in the student's planned project, students will spend 3 quarters developing and producing a capstone project. Researcher, expert and leader are presented and explored. Interpretation and application, professional issues, practice issues, legislative issues, certification issues, insurance issues, legal and ethical conflict resolution in advanced nursing practice are explored.

Credits: 3.00

College: Nursing & Health Professions

Department: CNHP - Master's Degree

Restrictions:

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

Graduate Quarter

Must be enrolled in one of the following College(s)/School(s):

Nursing & Health Professions

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

Nursing

### **NURS 638 - Capstone Project III**

The third and final course sequence where under the direction of a nursing faculty mentor with direct expertise in the student's planned project, students will spend 3 quarters developing and producing a capstone project. Researcher, expert and leader are presented and explored. Interpretation and application, professional issues, practice issues, legislative issues, certification issues, insurance issues, legal and ethical conflict resolution in advanced nursing practice are explored.

Credits: 3.00

College: Nursing & Health Professions

Department: CNHP - Master's Degree

Restrictions:

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

Graduate Quarter



Must be enrolled in one of the following College(s)/School(s):

Nursing & Health Professions

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

Nursing

**NURS 642 - PNPI: Wellness, Health Promotion & Disease Prevention in Infants, Children & Adolescents**

This course provides the introduction for the pediatric nurse practitioner students to the conceptual basis for meeting the health needs of diverse pediatric populations. This course will prepare the student to assume the role of primary care provider, and to contribute and support the collaborative responsibility of other health care members in meeting the health care needs of children from birth through adolescence.

Credits: 5.00

College: Nursing & Health Professions

Department: CNHP - Master's Degree

Restrictions:

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

Graduate Quarter

Pre-Requisites: NURS 548 Minimum Grade: C and NURS 549 Minimum Grade: C and NURS 550 Minimum Grade: C and NURS 646 Minimum Grade: C

**NURS 643 - PNPII: Episodic Care of Infants, Children & Adolescents**

This course provides the introduction of episodic and emergency care of infants, children and adolescents. This course will prepare the student to assume the role of primary care provider, and to support the collaborative responsibility of other health care members in meeting the healthcare needs of children from birth through adolescence.

Credits: 5.00

College: Nursing & Health Professions

Department: CNHP - Master's Degree

Restrictions:

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

Graduate Quarter

Pre-Requisites: NURS 548 Minimum Grade: C and NURS 549 Minimum Grade: C and NURS 550 Minimum Grade: C and NURS 646 Minimum Grade: C and NURS 642 Minimum Grade: C

**NURS 644 - PNPIII: Primary Care Issues of Children with Chronic Illness**

This course is designed to introduce students to the practice of the Primary Care Pediatric Nurse Practitioner in managing the chronically ill children in both an inpatient and outpatient setting. Emphasis is placed on the assessment, diagnosis and management of common chronic health problems in children. Course content focuses on the integration and synthesis of core and support courses content to assess, diagnose and manage patients.

Credits: 5.00

College: Nursing & Health Professions

Department: CNHP - Master's Degree

Restrictions:

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

Graduate Quarter

Pre-Requisites: NURS 548 Minimum Grade: C and NURS 549 Minimum Grade: C and NURS 550 Minimum Grade: C and NURS 646 Minimum Grade: C and NURS 642 Minimum Grade: C and NURS 643 Minimum Grade: C

**NURS 645 - PNPIV: Primary Care of Adolescents**

This course is designed to introduce students to the practice of the Primary Care Pediatric Nurse Practitioner in assessment, diagnosis and management of common health care problems of adolescents. Gynecological management and anticipatory guidance of adolescents will be included in this course. Course content focuses on the integration and synthesis of core support and practicum course content to assess, diagnose and manage patients in a primary care settings.

Credits: 5.00

College: Nursing & Health Professions

Department: CNHP - Master's Degree

Restrictions:

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

Graduate Quarter

Pre-Requisites: NURS 548 Minimum Grade: C and NURS 549 Minimum Grade: C and NURS 550 Minimum Grade: C and NURS 646 Minimum Grade: C and NURS 642 Minimum Grade: C and NURS 643 Minimum Grade: C and NURS 644 Minimum Grade: C

**NURS 646 - Pharmacology for the Pediatric Nurse Practitioner**

This course focuses on the appropriate medication regimens that may be employed in pediatric health care. The rationale for using each class of medications is examined and the action of the drugs contributing to their therapeutic effect is discussed. Problems inherent in multiple drug therapy are explored and adverse reactions and potential medication interactions are described. Early toxicity and complications arising from signs of toxicity are reviewed.

Credits: 3.00

College: Nursing & Health Professions

Department: CNHP - Master's Degree

Restrictions:

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

Graduate Quarter

Co-Requisites: NURS 548, NURS 549

**NURS 659 - Advanced Principles of Nurse Anesthesia IV**

As the last of a 4 course sequence in nurse anesthesia specialties, student will incorporate previously learned knowledge of physiology, pathophysiology, pharmacology, and patient management into the care of subspecialty populations and patients with various disease states. Examples of topics include: trauma, shock, endocrine and hepatic disorders, and cancers.

Credits: 3.00

College: Nursing & Health Professions

Department: CNHP - Nurse Anesthesia

Restrictions:

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

Graduate Quarter

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

Nursing Anesthesia

Co-Requisites: NURS 683

Pre-Requisites: NURS 517 Minimum Grade: C and NURS 518 Minimum Grade: C and NURS 524 Minimum Grade: C and NURS 530 Minimum Grade: C

**NURS 664 - Professional Seminar for Nurse Practitioners**

This required course is the application and integration of the role and competencies of the nurse practitioner. The roles of the nurse practitioner as clinician, educator, researcher, expert, and leader are

presented and explored. Interpretation and application of professional issues, practice issues, legislative issues, certification issues, insurance issues, legal issues and ethical conflict resolution in advanced nursing practice are explored and integrated into a model of interdisciplinary collaborative practice.

Credits: 1.00

College: Nursing & Health Professions

Department: CNHP - Master's Degree

Restrictions:

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

Graduate Quarter

#### **NURS 669 - Professional Seminar for Advance Practice Nurses**

This required course is the application and integration of the role and competencies of the MSN prepared nurse with advanced nursing knowledge who will seek employment in a diversity of advanced practice roles. The roles of the MSN graduate as clinician, educator, researcher, expert, and leader are presented and explored.

Interpretation and application, professional issues, practice issues, legislative issues, certification issues, insurance issues, legal issues and ethical conflict resolution in advanced nursing practice are explored.

Credits: 1.00

College: Nursing & Health Professions

Department: CNHP - Master's Degree

Restrictions:

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

Graduate Quarter

#### **NURS 678 - Health, Wellness, and Primary Care for WHNP I**

This course focuses on primary care of women throughout the life cycle. Within the framework of a multicultural viewpoint, students begin by examining strategies for preventive interventions as well as health screening and immunization schedules as women progress from adolescence to maturity.

Credits: 3.00

College: Nursing & Health Professions

Department: CNHP - Master's Degree

Restrictions:

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

Graduate Quarter

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

Nursing

Pre-Requisites: RSCH 519 Minimum Grade: C and RSCH 523 Minimum

Grade: C and NURS 500 Minimum Grade: C and NURS 502 Minimum

Grade: C and NURS 526 Minimum Grade: C and NURS 527 Minimum

Grade: C and NURS 548 Minimum Grade: C and NURS 549 Minimum

Grade: C and NURS 550 Minimum Grade: C and NURS 682 Minimum

Grade: C

#### **NURS 679 - Health, Wellness, and Primary Care for WHNP II**

This course follows NURS 678 Health, Wellness, and Primary Care for WHNP I. Students build upon the introductory framework presented in WHNP I with emphasis on disorders which are likely to be encountered in a women's health care setting.

Credits: 3.00

College: Nursing & Health Professions

Department: CNHP - Master's Degree

Restrictions:

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

Graduate Quarter

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

Nursing

Pre-Requisites: RSCH 519 Minimum Grade: C and RSCH 523 Minimum

Grade: C and NURS 500 Minimum Grade: C and NURS 502 Minimum

Grade: C and NURS 526 Minimum Grade: C and NURS 527 Minimum

Grade: C and NURS 548 Minimum Grade: C and NURS 549 Minimum

Grade: C and NURS 550 Minimum Grade: C and NURS 682 Minimum

Grade: C and NURS 678 Minimum Grade: C

#### **NURS 682 - Pharmacology - Women's Health Nurse Practitioner**

This course is designed to prepare the WHNP student for the safe managing and prescribing of therapeutic agents utilized in primary care settings for OB and GYN care. Students will build on prior pharmacologic study of actions and effects of medications on the human system across the life span.

Credits: 3.00

College: Nursing & Health Professions

Department: CNHP - Master's Degree

Restrictions:

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

Graduate Quarter

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

Nursing

Pre-Requisites: RSCH 519 Minimum Grade: C and RSCH 523 Minimum

Grade: C and NURS 500 Minimum Grade: C and NURS 502 Minimum

Grade: C and NURS 526 Minimum Grade: C and NURS 527 Minimum

Grade: C

#### **NURS 683 - Nurse Anesthesia Clinical Practicum V**

Clinical practicum V provides the student with the opportunity to administer a variety of anesthetics to patients presenting with a history of complex pathophysiological needs who are scheduled for a variety of surgical/diagnostic procedures. Students are provided invasive monitoring and regional anesthesia experiences.

Credits: 3.00

College: Nursing & Health Professions

Department: CNHP - Nurse Anesthesia

Restrictions:

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

Graduate Quarter

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

Nursing Anesthesia

Co-Requisites: NURS 659

Pre-Requisites: NURS 517 Minimum Grade: C

#### **NURS 684 - Nurse Anesthesia Clinical Practicum VI**

Clinical practicum VI provides the student with the opportunity to administer a variety of anesthetics to patients presenting with a history of complex pathophysiological needs who are scheduled for a variety of surgical/diagnostic procedures. Students are provided opportunities to insert invasive monitors and manage regional anesthesia to patients.

Credits: 3.00

College: Nursing & Health Professions

Department: CNHP - Nurse Anesthesia

Restrictions:

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

Graduate Quarter

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

Nursing Anesthesia

Co-Requisites: NURS 523

Pre-Requisites: NURS 683 Minimum Grade: C

### **NURS 687 - Clinical Residency I**

The Clinical Practicums and Residencies provide opportunities for students to continue their development of critical thinking skills and anesthesia techniques when providing care for all types of surgical patients. Under the guidance of CRNAs and Staff Anesthesiologists, students work more autonomously and collaborate with others when providing comprehensive anesthesia care.

Credits: 6.00

College: Nursing & Health Professions

Department: CNHP - Nurse Anesthesia

Restrictions:

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

Graduate Quarter

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

Nursing Anesthesia

Co-Requisites: NURS 527

Pre-Requisites: NURS 684 Minimum Grade: C

### **NURS 688 - Clinical Correlative Seminars**

This seminar will integrate and review the academic and clinical knowledge the student has acquired in the nurse anesthesia program. The student will receive a weekly assignment of topical questions to research and present to classmates. A faculty member will serve as the course facilitator.

Credits: 3.00

College: Nursing & Health Professions

Department: CNHP - Nurse Anesthesia

Restrictions:

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

Graduate Quarter

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

Nursing Anesthesia

Co-Requisites: NURS 689

Pre-Requisites: NURS 687 Minimum Grade: C

### **NURS 689 - Clinical Residency II**

Clinical Residency II continues the students development of their critical thinking skills and anesthesia techniques as well as manage care for patients that they may not have had the opportunity to care for in their previous rotations.

Credits: 6.00

College: Nursing & Health Professions

Department: CNHP - Nurse Anesthesia

Restrictions:

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

Graduate Quarter

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

Nursing Anesthesia

Co-Requisites: NURS 688

Pre-Requisites: NURS 687 Minimum Grade: C

### **NURS 690 - Management/Care of Women Gynecological Needs I**

This course focuses on theoretical knowledge and psychomotor skills related to caring for the common, routine gynecological needs of women throughout the lifecycle.

Credits: 5.00

College: Nursing & Health Professions

Department: CNHP - Master's Degree

Restrictions:

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

Graduate Quarter

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

Nursing

Pre-Requisites: NURS 579 Minimum Grade: C

### **NURS 691 - Management/Care of Women in Gynecological Needs II**

This course builds upon the content presented in GYN I and focuses on theoretical knowledge related to the more complex gynecological needs of women throughout the life cycle.

Credits: 5.00

College: Nursing & Health Professions

Department: CNHP - Master's Degree

Restrictions:

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

Graduate Quarter

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

Nursing

Pre-Requisites: RSCH 519 Minimum Grade: C and RSCH 523 Minimum

Grade: C and NURS 500 Minimum Grade: C and NURS 502 Minimum

Grade: C and NURS 526 Minimum Grade: C and NURS 527 Minimum

Grade: C and NURS 548 Minimum Grade: C and NURS 549 Minimum

Grade: C and NURS 550 Minimum Grade: C and NURS 682 Minimum

Grade: C and NURS 690 Minimum Grade: C and NURS 678 Minimum

Grade: C and NURS 679 Minimum Grade: C

### **NURS 692 - Mgmt/Care of Women/Families Obstetrical Needs I**

This course focuses on theoretical knowledge and psychomotor skills related to caring for women and families during low-risk pregnancy as well as the preconception period.

Credits: 5.00

College: Nursing & Health Professions

Department: CNHP - Master's Degree

Restrictions:

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

Graduate Quarter

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

Nursing

Pre-Requisites: RSCH 519 Minimum Grade: C and RSCH 523 Minimum

Grade: C and NURS 500 Minimum Grade: C and NURS 502 Minimum

Grade: C and NURS 526 Minimum Grade: C and NURS 527 Minimum

Grade: C and NURS 548 Minimum Grade: C and NURS 549 Minimum

Grade: C and NURS 682 Minimum Grade: C and NURS 690 Minimum

Grade: C and NURS 691 Minimum Grade: C and NURS 678 Minimum

Grade: C and NURS 679 Minimum Grade: C and NURS 550 Minimum

Grade: C

### **NURS 693 - Mgmt/Care of Women/Families Obstetrical Needs II**

This course builds upon content presented in OB I. This course focuses on theoretical knowledge related to high-risk obstetrics as well as both low-risk & high-risk post-partum care. The intricacies of a wide range of complications of pregnancy will be analyzed and related to the role of the nurse practitioner.

Credits: 5.00

College: Nursing & Health Professions

Department: CNHP - Master's Degree

Restrictions:

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

Graduate Quarter

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

Nursing

Pre-Requisites: NURS 692 Minimum Grade: C

### **NURS 700 - Phil of Natural and Soc Sci**

This introductory course focuses on the logic of inquiry in the natural and social sciences. Concepts for discussion include cause, determination, measurement, error, prediction, reduction, and the roles of theory and experiment.

Credits: 3.00

College: Nursing & Health Professions

Department: Doctoral Nursing

Restrictions:

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

Doctor of Nursing Practice

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

Graduate Quarter

Co-Requisites: NURS 703

### **NURS 703 - Politics of Health**

The purpose of this course is to provide the doctoral nursing student with a conceptual framework for nursing scholars to better understand health and its politics and its relationship for impacting nursing and global health issues.

Credits: 3.00

College: Nursing & Health Professions

Department: Doctoral Nursing

Restrictions:

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

Doctor of Nursing Practice

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

Graduate Quarter

Co-Requisites: NURS 700

### **NURS 710 - Human Responses - Physiologic**

The student explores the critical and seminal health research conducted by nurse scientists that has examined such human responses to altered physiologic function as urinary incontinence, impaired sleep, altered thermoregulation, pain, fatigue, and other physiological nursing phenomena.

Credits: 3.00

College: Nursing & Health Professions

Department: Doctoral Nursing

Restrictions:

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

Graduate Quarter

Co-Requisites: NURS 715

Pre-Requisites: NURS 700 Minimum Grade: C and NURS 703 Minimum Grade: C

### **NURS 715 - Human Responses - Psychologic**

Psychosocial concepts relevant in the study and evaluation of nursing practice such as stress, anxiety, depression, grief, coping, addiction, impulse control, uncertainty, violence, spirituality, social support, and self-transcendence are discussed.

Credits: 3.00

College: Nursing & Health Professions

Department: Doctoral Nursing

Restrictions:

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

Graduate Quarter

Co-Requisites: NURS 710

Pre-Requisites: NURS 700 Minimum Grade: C and NURS 703 Minimum Grade: C

### **NURS 716 - Structure of Sci Knowledge**

Building on NURS 710, this course is designed to help students explore the development of nursing knowledge, theory and their relationship to clinical nursing practice and research.

Credits: 3.00

College: Nursing & Health Professions

Department: Doctoral Nursing

Restrictions:

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

Graduate Quarter

Co-Requisites: NURS 717

Pre-Requisites: NURS 700 Minimum Grade: C and NURS 703 Minimum Grade: C and NURS 710 Minimum Grade: C and NURS 715 Minimum Grade: C

### **NURS 717 - Applied Epidemiology/Biostats**

This is an introductory course in clinical epidemiology and an intermediate course in biostatistics. The purpose of the course is to teach epidemiologic and intermediate biostatistical methods in clinical research with an integrated framework, and to develop beginning SPSS proficiency for performing the analysis of clinical datasets.

Credits: 3.00

College: Nursing & Health Professions

Department: Doctoral Nursing

Restrictions:

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

Graduate Quarter

Co-Requisites: NURS 716

Pre-Requisites: NURS 700 Minimum Grade: C and NURS 703 Minimum Grade: C and NURS 710 Minimum Grade: C and NURS 715 Minimum Grade: C

### **NURS 718 - Quantitative Methods Clin Nurs**

This advanced quantitative research methods course provides an opportunity to examine various research designs used to investigate clinical nursing variables. Students who intend to conduct a quantitative research dissertation will use this course to complete the first draft of their dissertation proposal.

Credits: 3.00

College: Nursing & Health Professions

Department: Doctoral Nursing

Restrictions:

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

Graduate Quarter

Pre-Requisites: NURS 700 Minimum Grade: C and NURS 703 Minimum Grade: C and NURS 710 Minimum Grade: C and NURS 715 Minimum Grade: C and NURS 716 Minimum Grade: C and NURS 717 Minimum Grade: C

### **NURS 819 - Qualitative Methods Clin Nurs**

This advanced qualitative research methods course provides an opportunity to examine various research designs used to investigate

clinical nursing variables. Students who intend to conduct a qualitative research dissertation will use this course to complete their first draft of their dissertation proposal.

Credits: 3.00

College: Nursing & Health Professions

Department: Doctoral Nursing

Restrictions:

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

Graduate Quarter

Pre-Requisites: NURS 700 Minimum Grade: C and NURS 703 Minimum Grade: C and NURS 710 Minimum Grade: C and NURS 715 Minimum Grade: C and NURS 716 Minimum Grade: C and NURS 717 Minimum Grade: C and NURS 718 Minimum Grade: C

### **NURS 830 - DrNP Clinical Practicum**

This course is designed to broaden and enhance the clinical knowledge development of the clinical nursing scholar. Doctoral students, under the direction of their DrNP advisor and NURS 830 faculty, will select an area of clinical nursing practice that will be driven by and enhance their dissertation research.

Credits: 3.00

College: Nursing & Health Professions

Department: Doctoral Nursing

Restrictions:

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

Graduate Quarter

Pre-Requisites: NURS 700 Minimum Grade: C and NURS 703 Minimum Grade: C and NURS 710 Minimum Grade: C and NURS 715 Minimum Grade: C and NURS 716 Minimum Grade: C and NURS 717 Minimum Grade: C and NURS 718 Minimum Grade: C

### **NURS 835 - DrNP Role Practicum**

This course is designed to broaden and enhance the role development knowledge and skills of the clinical nursing scholar and students select an area of role development that corresponds to the doctoral track they have committed to: Practitioner, Educator, Scientist, or Executive.

Credits: 3.00

College: Nursing & Health Professions

Department: Doctoral Nursing

Restrictions:

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

Graduate Quarter

Pre-Requisites: NURS 700 Minimum Grade: C and NURS 703 Minimum Grade: C and NURS 710 Minimum Grade: C and NURS 715 Minimum Grade: C and NURS 716 Minimum Grade: C and NURS 717 Minimum Grade: C and NURS 718 Minimum Grade: C and NURS 830 Minimum Grade: C

### **NURS 836 - Clinical/Appl Nursing Ethics**

The course is designed to facilitate to ethical reasoning of nursing scholars in their role as clinicians, educators, scientists, or executives. The course focuses on the practical application of ethical theories or utilitarianism, Kantianism, principle-based, pragmatism and casuistry.

Credits: 3.00

College: Nursing & Health Professions

Department: Doctoral Nursing

Restrictions:

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

Graduate Quarter

Pre-Requisites: NURS 700 Minimum Grade: C and NURS 703 Minimum Grade: C and NURS 710 Minimum Grade: C and NURS 715 Minimum Grade: C and NURS 716 Minimum Grade: C and NURS 717 Minimum Grade: C and NURS 718 Minimum Grade: C and NURS 830 Minimum Grade: C and NURS 835 Minimum Grade: C

### **NURS 890 - Special Topics**

This course covers special topics of relevance and significance to the discipline of nursing. May be repeated three times for credit with varying topics.

Credits: 3.00

College: Nursing & Health Professions

Department: Doctoral Nursing

Restrictions:

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

Graduate Quarter

### **NURS 899 - Independent Study**

The doctoral student works under the guidance of a faculty member to study in depth a topic related to their Program of Study. Independent study courses can be undertaken when there is no specific formal coursework available to support either the student's dissertation topic, or clinical and role practicum. May be repeated once for credit.

Credits: 3.00

College: Nursing & Health Professions

Department: Doctoral Nursing

Restrictions:

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

Graduate Quarter

### **NURS 900 - Dissertation Seminar**

Topics covered include the IRB process, constructing an appropriate Informed Consent for the student's proposed study. Other topics include strategies for the timely completion of the dissertation proposal and final dissertation. Students are expected to make substantive progress on the dissertation proposal during this course.

Credits: 3.00

College: Nursing & Health Professions

Department: Doctoral Nursing

Restrictions:

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

Graduate Quarter

Pre-Requisites: NURS 700 Minimum Grade: C and NURS 703 Minimum Grade: C and NURS 710 Minimum Grade: C and NURS 715 Minimum Grade: C and NURS 716 Minimum Grade: C and NURS 717 Minimum Grade: C and NURS 718 Minimum Grade: C and NURS 830 Minimum Grade: C and NURS 835 Minimum Grade: C and NURS 836 Minimum Grade: C

### **NURS 996 - Dissertation Advisement I**

The student conducts a research study under the guidance of a dissertation chair and dissertation committee. The focus of advisement is the completion of the dissertation proposal and its successful defense. Afterward, advisement is directed toward the successful submission of all IRB materials. May be repeated three times for credit.

Credits: 2.00

College: Nursing & Health Professions

Department: Doctoral Nursing

Restrictions:

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

Graduate Quarter

Pre-Requisites: NURS 900 Minimum Grade: C

### **NURS 997 - Dissertation Advisement II**

The focus of this course is the completion of all data collection for the proposed dissertation study. May be repeated for credit.

Credits: 2.00

College: Nursing & Health Professions

Department: Doctoral Nursing

Restrictions:

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

Graduate Quarter

Pre-Requisites: NURS 996 Minimum Grade: CR

### **NURS 998 - Dissertation Advisement III**

The focus of this course is for the student to analyze their data, write and revise drafts as directed by the dissertation committee, and successfully defend the dissertation. Students must register for at least one quarter of this course. May be repeated for credit.

Credits: 2.00

College: Nursing & Health Professions

Department: Doctoral Nursing

Restrictions:

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

Graduate Quarter

Pre-Requisites: NURS 997 Minimum Grade: CR

### **NURS 999 - Cont Dissertation Advisement**

Students who have not submitted and defended their dissertation after two quarters of NURS 998 register for this course in perpetua until they have defended their dissertation. May be repeated for credit.

Credits: 1.00

College: Nursing & Health Professions

Department: Doctoral Nursing

Restrictions:

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

Graduate Quarter

Pre-Requisites: NURS 998 Minimum Grade: CR

## **Physical Therapy Rehab Science Courses**

### **PTRS 501 - Introduction to Research**

The course is designed to provide professional graduate students with the skills necessary to evaluate the relationship between practice and published research using an interdisciplinary approach. The content includes an overview of research concepts, research ethics, literature reviews, quantitative and qualitative research methods, including sampling, data collection, and analysis.

Credits: 4.00

College: Nursing & Health Professions

Department: CNHP - Rehabilitation Sciences

Restrictions:

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

Graduate Quarter

Must be enrolled in one of the following College(s)/School(s):

Nursing & Health Professions

PTRS 530 - Kinesiology I

This course is part one of a two-part series designed to provide students with basic knowledge of biomechanics and functional aspects of the musculoskeletal system. It involves the study of the anatomical, biomechanical, and physiological fundamentals of human motion as it pertains to the upper extremity.

Credits: 4.00

College: Nursing & Health Professions

Department: CNHP - Rehabilitation Sciences

Restrictions:

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

Graduate Quarter

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

Physical Therapy

Rehabilitation Sciences

### **PTRS 531 - Kinesiology II**

This course is part two of a two-part series designed to provide students with basic knowledge of biomechanics and functional aspects of the musculoskeletal system. It involves the study of the anatomical, biomechanical, and physiological fundamentals of human motion as it pertains to the spine and lower extremity.

Credits: 4.00

College: Nursing & Health Professions

Department: CNHP - Rehabilitation Sciences

Restrictions:

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

Graduate Quarter

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

Physical Therapy

Rehabilitation Sciences

Pre-Requisites: PTRS 530 Minimum Grade: C and PTRS 534 Minimum

Grade: C and PTRS 532 Minimum Grade: C and PTRS 537 Minimum

Grade: C and PTRS 633 Minimum Grade: C and PTRS 613 Minimum

Grade: C

### **PTRS 532 - Human Gross Anatomy I**

This course is part one of a two-part series designed to introduce students to the structure and function of the back, neck, face, and upper extremity with particular emphasis on the nervous and musculoskeletal systems. Special emphasis is placed on clinical relevance and functional interrelationships of the anatomic structures.

Credits: 4.00

College: Nursing & Health Professions

Department: CNHP - Rehabilitation Sciences

Restrictions:

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

Graduate Quarter

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

Physical Therapy

Rehabilitation Sciences

### **PTRS 533 - Human Gross Anatomy II**

This course is part two of a two-part series designed to introduce students to the structure and function of the cranium, thorax, abdomen, and lower extremity with particular emphasis on the nervous and musculoskeletal systems. Special emphasis is placed on clinical relevance and functional interrelationships of the anatomic structures.

Credits: 4.00

College: Nursing & Health Professions  
Department: CNHP - Rehabilitation Sciences  
Restrictions:  
Must be enrolled in one of the following Program Level(s):  
Graduate Quarter  
Must be enrolled in one of the following Major(s):  
Physical Therapy  
Rehabilitation Sciences  
Pre-Requisites: PTRS 530 Minimum Grade: C and PTRS 534 Minimum Grade: C and PTRS 532 Minimum Grade: C and PTRS 537 Minimum Grade: C and PTRS 633 Minimum Grade: C and PTRS 613 Minimum Grade: C

#### **PTRS 534 - Musculo Examination and Int I**

This course prepares a student to perform a basic musculoskeletal examination of the cervical spine and upper extremity. The entire patient management process from history taking to prescription of interventions is introduced and applied. Basic skills needed in the examination are described and practiced.

Credits: 3.00

College: Nursing & Health Professions  
Department: CNHP - Rehabilitation Sciences  
Restrictions:

Must be enrolled in one of the following Program Level(s):  
Graduate Quarter  
Must be enrolled in one of the following Major(s):  
Physical Therapy  
Rehabilitation Sciences

#### **PTRS 535 - Musculo Examination and Int II**

This course prepares a student to perform a basic musculoskeletal examination of the lumbar spine and lower extremity. The patient management process from history taking to prescription of interventions is applied. Basic skills needed in the examination are described and practiced.

Credits: 3.00

College: Nursing & Health Professions  
Department: CNHP - Rehabilitation Sciences  
Restrictions:

Must be enrolled in one of the following Program Level(s):  
Graduate Quarter  
Must be enrolled in one of the following Major(s):  
Physical Therapy  
Rehabilitation Sciences

Pre-Requisites: PTRS 530 Minimum Grade: C and PTRS 534 Minimum Grade: C and PTRS 532 Minimum Grade: C and PTRS 537 Minimum Grade: C and PTRS 633 Minimum Grade: C and PTRS 613 Minimum Grade: C

#### **PTRS 536 - Topics in Pathophysiology**

Topics in Pathophysiology is a lecture format course that introduces the physical therapy students to physiology and pathophysiology of organ systems, disease states and conditions. This course provides basic information to understand the interaction of pathology between bodily systems and the medical management of specific disease states.

Credits: 4.00

College: Nursing & Health Professions  
Department: CNHP - Rehabilitation Sciences  
Restrictions:

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

Graduate Quarter  
Must be enrolled in one of the following Major(s):  
Physical Therapy  
Rehabilitation Sciences  
Pre-Requisites: PTRS 530 Minimum Grade: C and PTRS 534 Minimum Grade: C and PTRS 537 Minimum Grade: C and PTRS 633 Minimum Grade: C and PTRS 532 Minimum Grade: C and PTRS 613 Minimum Grade: C

#### **PTRS 537 - Clinical Correlations I**

Utilizing a case-based format, this course assists students with clinical decision-making strategies as outlined in the Guide to Physical Therapist Practice. Students apply concepts of patient-client management including examination, evaluation, diagnosis, prognosis, and intervention. Through small group discussion, students develop their group skills and are introduced to the team approach.

Credits: 3.00

College: Nursing & Health Professions  
Department: CNHP - Rehabilitation Sciences  
Restrictions:

Must be enrolled in one of the following Program Level(s):  
Graduate Quarter  
Must be enrolled in one of the following Major(s):  
Physical Therapy  
Rehabilitation Sciences

#### **PTRS 538 - Clinical Correlations II**

Clinical Correlations II is the second of two courses that highlight clinical decision-making processes in which every Physical Therapist must engage. This course emphasizes decision-making strategies for patients with multiple co-morbidities. Meta cognitive strategies are used during clinical decision making to assist with student transitions from novice to entry-level clinicians.

Credits: 3.00

College: Nursing & Health Professions  
Department: CNHP - Rehabilitation Sciences  
Restrictions:

Must be enrolled in one of the following Program Level(s):  
Graduate Quarter  
Must be enrolled in one of the following Major(s):  
Physical Therapy  
Rehabilitation Sciences

Pre-Requisites: PTRS 776 Minimum Grade: C and PTRS 635 Minimum Grade: C

#### **PTRS 590 - Clinical Anatomy**

Exposes clinicians to the structure and function of the body with particular emphasis on the nervous and musculoskeletal systems. The format consists of online presentations and an optional onsite lecture session that includes prosections/dissections. Special emphasis is placed on clinical relevance and functional interrelationships of the anatomic structures.

Credits: 3.00 or 4.00

College: Nursing & Health Professions  
Department: CNHP - Rehabilitation Sciences  
Restrictions:

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

**PTRS 604 - Induction Inquiry Integration**

This course provides an introduction to the learning philosophy of the program, introducing models of adult learning, learning styles and experiential learning. Different forms of knowledge are explored. Methods of creating knowledge from experimentation, observation and experience are studied.

Credits: 3.00

College: Nursing & Health Professions

Department: CNHP - Rehabilitation Sciences

Restrictions:

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

Graduate Quarter

**PTRS 609 - Experiential Accreditation**

Provides an opportunity for bachelors prepared students to gain credit for their professional experiential learning. With guidance from the course director, students compile a portfolio, reflecting on evidence that demonstrates their ability to perform higher-level academic functions in a clinical context: analysis and decision making.

Credits: 6.00

College: Nursing & Health Professions

Department: CNHP - Rehabilitation Sciences

Restrictions:

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

Graduate Quarter

**PTRS 610 - Issues in Pharmacotherapy**

Issues in Pharmacotherapy is a lecture-format course that focuses on providing foundational information about pharmacotherapy, pharmacokinetics, and pharmacodynamics that is applicable in physical therapy. Drug classifications are described. Examples are provided of various drug categories. This is a required course taken by all entry-level DPT students.

Credits: 3.00

College: Nursing & Health Professions

Department: CNHP - Rehabilitation Sciences

Restrictions:

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

Graduate Quarter

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

Physical Therapy

Rehabilitation Sciences

Pre-Requisites: PTRS 776 Minimum Grade: C and PTRS 635 Minimum Grade: C

**PTRS 612 - Pharmacotherapeutics**

Pharmacotherapeutics is a lecture-format course that focuses on providing foundational information about pharmacotherapeutics, pharmacology, pharmacokinetics, and pharmacodynamics that is applicable in physical therapy. Drug classifications are described. Examples are provided of various drug categories.

Credits: 3.00

College: Nursing & Health Professions

Department: CNHP - Rehabilitation Sciences

Restrictions:

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

Graduate Quarter

**PTRS 613 - Clinical Practice I**

Clinical Practice I is an opportunity for students to practice skills learned in Musculoskeletal Examination & Intervention I and Clinical Correlations I. Practice will be related to orthopedic diagnoses and reading and interpreting patient data. Students will have the opportunity to practice skills under direct supervision of faculty instructors.

Credits: .50

College: Nursing & Health Professions

Department: CNHP - Rehabilitation Sciences

Restrictions:

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

Graduate Quarter

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

Physical Therapy

Rehabilitation Sciences

**PTRS 614 - Clinical Practice II**

Clinical Practice II is the second opportunity for students to practice skills learned in Musculoskeletal Examination and Intervention I and II and Clinical Correlations I. Practice will be related to orthopedic diagnoses and reading and interpreting patient data. Students will have the opportunity to practice skills under direct supervision of faculty instructors.

Credits: .50

College: Nursing & Health Professions

Department: CNHP - Rehabilitation Sciences

Restrictions:

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

Graduate Quarter

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

Physical Therapy

Rehabilitation Sciences

Pre-Requisites: PTRS 530 Minimum Grade: C and PTRS 534 Minimum Grade: C and PTRS 532 Minimum Grade: C and PTRS 537 Minimum Grade: C and PTRS 633 Minimum Grade: C and PTRS 613 Minimum Grade: C

**PTRS 615 - Clinical Practice III**

This is the third in a series of four clinical practice courses. Students will apply concepts and skills learned in Functional Mobility in working with patients and residents in various hospital-based settings, including an acute care hospital, a rehabilitation hospital, and a nursing home.

Credits: .50

College: Nursing & Health Professions

Department: CNHP - Rehabilitation Sciences

Restrictions:

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

Graduate Quarter

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

Physical Therapy

Rehabilitation Sciences

Pre-Requisites: PTRS 533 Minimum Grade: C and PTRS 531 Minimum Grade: C and PTRS 535 Minimum Grade: C and PTRS 536 Minimum Grade: C and PTRS 614 Minimum Grade: C

**PTRS 616 - Clinical Practice IV**

This is the fourth in a series of four clinical practice courses. Students will apply concepts and skills learned in Cardiopulmonary PT I in working with patients and clients in various settings, including an acute



care hospital and healthcare center (11th Street Family Health Services).

Credits: .50

College: Nursing & Health Professions

Department: CNHP - Rehabilitation Sciences

Restrictions:

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

Graduate Quarter

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

Physical Therapy

Rehabilitation Sciences

Pre-Requisites: PTRS 620 Minimum Grade: C and PTRS 623 Minimum Grade: C and NEUR 507 Minimum Grade: C and PTRS 624 Minimum Grade: C and PTRS 638 Minimum Grade: C and PTRS 615 Minimum Grade: C

### **PTRS 620 - Ortho PT: Upper Extremity**

This is the first in a series of three courses on orthopedic physical therapy. This course emphasizes differential diagnosis, clinical decision making, and development and implementation of a plan of care for conservative and post-operative management of patients demonstrating musculoskeletal dysfunction of the upper extremity.

Credits: 5.00

College: Nursing & Health Professions

Department: CNHP - Rehabilitation Sciences

Restrictions:

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

Graduate Quarter

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

Physical Therapy

Rehabilitation Sciences

Pre-Requisites: PTRS 533 Minimum Grade: C and PTRS 531 Minimum Grade: C and PTRS 535 Minimum Grade: C and PTRS 536 Minimum Grade: C and PTRS 614 Minimum Grade: C

### **PTRS 621 - Ortho PT: Lower Extremity**

This is the second in a series of three courses on Orthopedic Physical Therapy. This course emphasizes differential diagnosis, clinical decision making, and development and implementation of a plan of care for conservative and post-operative management of patients demonstrating musculoskeletal dysfunction of the lower extremity.

Credits: 3.00

College: Nursing & Health Professions

Department: CNHP - Rehabilitation Sciences

Restrictions:

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

Graduate Quarter

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

Physical Therapy

Rehabilitation Sciences

Pre-Requisites: PTRS 620 Minimum Grade: C and PTRS 623 Minimum Grade: C and NEUR 507 Minimum Grade: C and PTRS 624 Minimum Grade: C and PTRS 638 Minimum Grade: C and PTRS 615 Minimum Grade: C

### **PTRS 622 - Ortho PT: Spine**

This course is one of three courses in orthopedic physical therapy. Emphasis is on examination, differential diagnosis, clinical decision making, and development and implementation of a plan of care for

conservative management (including joint manipulation) and post operative interventions for patients with musculoskeletal dysfunction.

Credits: 4.00

College: Nursing & Health Professions

Department: CNHP - Rehabilitation Sciences

Restrictions:

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

Graduate Quarter

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

Physical Therapy

Rehabilitation Sciences

Pre-Requisites: PTRS 631 Minimum Grade: C and PTRS 752 Minimum Grade: C and PTRS 751 Minimum Grade: C and PTRS 634 Minimum Grade: C and PTRS 774 Minimum Grade: C and PTRS 775 Minimum Grade: C

### **PTRS 623 - Physical Agents**

Physical Agents discusses the equipment used and the general application of thermal agents, electrotherapy, compression devices and massage. The clinical decision making when using all of these modalities in the management of clinical conditions including pain, edema, inflammation, decreased range of motion, and muscle weakness will be discussed.

Credits: 5.00

College: Nursing & Health Professions

Department: CNHP - Rehabilitation Sciences

Restrictions:

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

Graduate Quarter

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

Physical Therapy

Rehabilitation Sciences

Pre-Requisites: PTRS 533 Minimum Grade: C and PTRS 531 Minimum Grade: C and PTRS 535 Minimum Grade: C and PTRS 536 Minimum Grade: C and PTRS 614 Minimum Grade: C

### **PTRS 624 - Functional Modality**

This course addresses the functional management of patients with limited mobility and their equipment needs, emphasizing functional training and clinical decision making for therapeutic intervention as well as prescription of durable medical equipment. Patient, caregiver, and healthcare provider safety for injury prevention are stressed throughout this course.

Credits: 2.50

College: Nursing & Health Professions

Department: CNHP - Rehabilitation Sciences

Restrictions:

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

Graduate Quarter

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

Physical Therapy

Rehabilitation Sciences

Pre-Requisites: PTRS 533 Minimum Grade: C and PTRS 531 Minimum Grade: C and PTRS 535 Minimum Grade: C and PTRS 536 Minimum Grade: C and PTRS 614 Minimum Grade: C

### **PTRS 627 - Cardiopulmonary PT I**

This is the first of two courses designed to provide exposure to the normal and abnormal anatomy, physiology and function of the cardiac, vascular and pulmonary systems. Physiology and pathophysiology are

explored in relation to functional performance, compensation for disease process and implications for management. Clinical decision making is emphasized.

Credits: 4.00

College: Nursing & Health Professions

Department: CNHP - Rehabilitation Sciences

Restrictions:

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

Graduate Quarter

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

Physical Therapy

Rehabilitation Sciences

Pre-Requisites: PTRS 620 Minimum Grade: C and PTRS 623 Minimum

Grade: C and NEUR 507 Minimum Grade: C and PTRS 624 Minimum

Grade: C and PTRS 638 Minimum Grade: C and PTRS 615 Minimum

Grade: C

### **PTRS 628 - Cardiopulmonary PT II**

Cardiopulmonary Physical Therapy II is the second of two courses designed to provide students with exposure to the normal and abnormal anatomy, physiology and function of the cardiac, vascular and pulmonary systems. Primary and secondary cardiopulmonary diseases/dysfunction are discussed as they relate to functional ability.

Credits: 4.00

College: Nursing & Health Professions

Department: CNHP - Rehabilitation Sciences

Restrictions:

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

Graduate Quarter

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

Physical Therapy

Rehabilitation Sciences

Pre-Requisites: PTRS 631 Minimum Grade: C and PTRS 752 Minimum

Grade: C and PTRS 751 Minimum Grade: C and PTRS 634 Minimum

Grade: C and PTRS 774 Minimum Grade: C and PTRS 775 Minimum

Grade: C

### **PTRS 631 - Life Span Development**

This course discusses physical, cognitive, emotional and social-cultural aspects of human development throughout the life span. Emphasis is placed on motor development. This course will provide students foundational knowledge that is needed to assess delays in development that an individual may experience during the life span.

Credits: 3.00

College: Nursing & Health Professions

Department: CNHP - Rehabilitation Sciences

Restrictions:

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

Graduate Quarter

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

Physical Therapy

Rehabilitation Sciences

Pre-Requisites: PTRS 621 Minimum Grade: C and PTRS 627 Minimum

Grade: C and NEUR 508 Minimum Grade: C and PTRS 639 Minimum

Grade: C and PTRS 641 Minimum Grade: C and PTRS 646 Minimum

Grade: C and PTRS 616 Minimum Grade: C

### **PTRS 632 - Pediatric Physical Therapy**

Takes systems approach to understanding the bases for pediatric disabilities. Examination and intervention planning are discussed both

broadly and in terms of specific disabilities in the context of current evidence for client management models. Lab component provides opportunity to work with a child with a disability in a community setting.

Credits: 6.50

College: Nursing & Health Professions

Department: CNHP - Rehabilitation Sciences

Restrictions:

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

Graduate Quarter

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

Physical Therapy

Rehabilitation Sciences

Pre-Requisites: PTRS 776 Minimum Grade: C and PTRS 635 Minimum

Grade: C

### **PTRS 633 - Professional Development**

This is the first in a series of five professional development courses.

This focus of this course is to provide students with the opportunity to enhance self-awareness as learners and to familiarize the student with the concept of professionalism for the practice of physical therapy.

Credits: 1.00

College: Nursing & Health Professions

Department: CNHP - Rehabilitation Sciences

Restrictions:

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

Graduate Quarter

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

Physical Therapy

Rehabilitation Sciences

### **PTRS 634 - Health Professional Roles**

This is the second in a series of five professional development courses.

This course focuses on professional issues and behaviors that are necessary to prepare physical therapy students for their clinical experiences. The course is structured modules with focus on cultural competency, health administration and organization, and developing roles as a health care professional.

Credits: 3.00

College: Nursing & Health Professions

Department: CNHP - Rehabilitation Sciences

Restrictions:

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

Graduate Quarter

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

Physical Therapy

Rehabilitation Sciences

Pre-Requisites: PTRS 621 Minimum Grade: C and PTRS 627 Minimum

Grade: C and NEUR 508 Minimum Grade: C and PTRS 639 Minimum

Grade: C and PTRS 641 Minimum Grade: C and PTRS 646 Minimum

Grade: C and PTRS 616 Minimum Grade: C

### **PTRS 635 - Clinical Professional Issues**

This is the third course in a series of five professional development courses. This course has a web-based format and is concurrent with Clinical Education II. The focus of this course is for physical theory students to apply topics from Professional I and II to the clinical setting via case analysis.

Credits: 2.00

College: Nursing & Health Professions

Department: CNHP - Rehabilitation Sciences

Restrictions:

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

Graduate Quarter

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

Physical Therapy

Rehabilitation Sciences

Pre-Requisites: PTRS 622 Minimum Grade: C and PTRS 628 Minimum

Grade: C and PTRS 645 Minimum Grade: C and PTRS 644 Minimum

Grade: C and PTRS 642 Minimum Grade: C and PTRS 640 Minimum

Grade: C

### **PTRS 636 - Health Administration & Policy**

This is the fourth in a series of five professional development courses.

The focus of this course is on the working of the health care environment and the multiple roles of the physical therapist in community health settings, as well as health care administration, organization, legislation, and policy.

Credits: 2.50

College: Nursing & Health Professions

Department: CNHP - Rehabilitation Sciences

Restrictions:

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

Graduate Quarter

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

Physical Therapy

Rehabilitation Sciences

Pre-Requisites: PTRS 776 Minimum Grade: C and PTRS 635 Minimum

Grade: C

### **PTRS 637 - Clinical Professional Projects**

This is the capstone course in a series of five professional development courses for physical therapy students. This course uses a web-based format and is concurrent with Clinical Education III and the Clinical Internship. Students will integrate and evaluate concepts gleaned from the preceding courses in the Professional Development series.

Credits: 4.00

College: Nursing & Health Professions

Department: CNHP - Rehabilitation Sciences

Restrictions:

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

Graduate Quarter

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

Physical Therapy

Rehabilitation Sciences

Pre-Requisites: PTRS 753 Minimum Grade: C and PTRS 643 Minimum

Grade: C and PTRS 610 Minimum Grade: C and PTRS 632 Minimum

Grade: C and PTRS 538 Minimum Grade: C and PTRS 636 Minimum

Grade: C

### **PTRS 638 - Introduction to Motor Control**

This course is an overview of principles of motor control and their relationship to the neurophysiology involved with movement behavior.

This course sets the foundation for the Motor Learning and Rehab courses.

Credits: 1.00

College: Nursing & Health Professions

Department: CNHP - Rehabilitation Sciences

Restrictions:

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

Graduate Quarter

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

Physical Therapy

Rehabilitation Sciences

Pre-Requisites: PTRS 533 Minimum Grade: C and PTRS 531 Minimum

Grade: C and PTRS 535 Minimum Grade: C and PTRS 536 Minimum

Grade: C and PTRS 614 Minimum Grade: C

### **PTRS 639 - Motor Learning**

This course examines topics in movement science at different points in the life span, traces the evolution of skill acquisition, and critically reviews current theories of motor learning and control. Emphasis will be placed on basic concepts of motor learning and control in populations with typical development.

Credits: 2.50

College: Nursing & Health Professions

Department: CNHP - Rehabilitation Sciences

Restrictions:

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

Graduate Quarter

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

Physical Therapy

Rehabilitation Sciences

Pre-Requisites: PTRS 620 Minimum Grade: C and PTRS 623 Minimum

Grade: C and NEUR 507 Minimum Grade: C and PTRS 624 Minimum

Grade: C and PTRS 638 Minimum Grade: C and PTRS 615 Minimum

Grade: C

### **PTRS 640 - Motor Learning & Rehab**

This course will allow DPT students to apply principles of motor control and learning to clinical decision making for a variety of patient populations. Using the Guide to Physical Therapist Practice, students will critically review the evidence and integrate principles of motor control and learning during examination, evaluation and intervention.

Credits: 1.00

College: Nursing & Health Professions

Department: CNHP - Rehabilitation Sciences

Restrictions:

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

Graduate Quarter

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

Physical Therapy

Rehabilitation Sciences

Pre-Requisites: PTRS 631 Minimum Grade: C and PTRS 752 Minimum

Grade: C and PTRS 634 Minimum Grade: C and PTRS 751 Minimum

Grade: C and PTRS 774 Minimum Grade: C and PTRS 775 Minimum

Grade: C

### **PTRS 641 - Neuro Exam and Intervention I**

This course introduces the student to examination, evaluation, diagnosis and comprehensive interventions for the adult with neurological dysfunction. It focuses on examination skills and common interventions used with this patient population. Clinical decision making will be utilized to develop appropriate intervention strategies, application techniques, and neuromuscular strengthening and conditioning principles.

Credits: 4.00

College: Nursing & Health Professions

Department: CNHP - Rehabilitation Sciences

Restrictions:

Must be enrolled in one of the following Program Level(s):  
Graduate Quarter  
Must be enrolled in one of the following Major(s):  
Physical Therapy  
Rehabilitation Sciences  
Pre-Requisites: PTRS 620 Minimum Grade: C and PTRS 623 Minimum Grade: C and NEUR 507 Minimum Grade: C and PTRS 624 Minimum Grade: C and PTRS 638 Minimum Grade: C and PTRS 615 Minimum Grade: C

**PTRS 642 - Neuro Exam and Intervention II**

This course focuses on adults with central nervous system dysfunction where vestibular, sensory, perceptual, cognitive, and communication deficits result in more complex movement dysfunction and limited capacity for learning. Students will learn to integrate neuromuscular, sensory-perceptual, cognitive, behavioral and functional mobility strategies into a comprehensive plan of care.

Credits: 5.00  
College: Nursing & Health Professions  
Department: CNHP - Rehabilitation Sciences  
Restrictions:  
Must be enrolled in one of the following Program Level(s):  
Graduate Quarter  
Must be enrolled in one of the following Major(s):  
Physical Therapy  
Rehabilitation Sciences  
Pre-Requisites: PTRS 631 Minimum Grade: C and PTRS 752 Minimum Grade: C and PTRS 751 Minimum Grade: C and PTRS 634 Minimum Grade: C and PTRS 774 Minimum Grade: C and PTRS 775 Minimum Grade: C

**PTRS 643 - Applied Biomechanics**

This course provides content essential for understanding and evaluating research literature related to the effects of aging, pathology, immobilization, and therapeutic procedures on biological tissues and human movement. Methods for quantifying and evaluating tissue properties and human control are included. Application to practice will come from discussion of current literature.

Credits: 3.00  
College: Nursing & Health Professions  
Department: CNHP - Rehabilitation Sciences  
Restrictions:  
Must be enrolled in one of the following Program Level(s):  
Graduate Quarter  
Must be enrolled in one of the following Major(s):  
Physical Therapy  
Rehabilitation Sciences  
Pre-Requisites: PTRS 776 Minimum Grade: C and PTRS 635 Minimum Grade: C

**PTRS 644 - Wound Care Management**

The focus of this course is on wound assessment and management techniques used in the clinical setting as outlined in the Guide to Physical Therapy Practice. The use of evidence-based practice to guide clinical decision making will be emphasized.

Credits: 1.50  
College: Nursing & Health Professions  
Department: CNHP - Rehabilitation Sciences  
Restrictions:  
Must be enrolled in one of the following Program Level(s):

Graduate Quarter  
Must be enrolled in one of the following Major(s):  
Physical Therapy  
Rehabilitation Sciences  
Pre-Requisites: PTRS 631 Minimum Grade: C and PTRS 752 Minimum Grade: C and PTRS 751 Minimum Grade: C and PTRS 634 Minimum Grade: C and PTRS 774 Minimum Grade: C and PTRS 775 Minimum Grade: C

**PTRS 645 - Prosthesis Management**

This course will provide students with knowledge of appliance components and biomechanical principles of upper and lower extremity prosthesis. In addition to the basic principles, a foundational knowledge will be presented regarding appliance prescription, checkout and functional training with such devices.

Credits: 1.50  
College: Nursing & Health Professions  
Department: CNHP - Rehabilitation Sciences  
Restrictions:  
Must be enrolled in one of the following Program Level(s):  
Graduate Quarter  
Must be enrolled in one of the following Major(s):  
Physical Therapy  
Rehabilitation Sciences  
Pre-Requisites: PTRS 631 Minimum Grade: C and PTRS 752 Minimum Grade: C and PTRS 751 Minimum Grade: C and PTRS 634 Minimum Grade: C and PTRS 774 Minimum Grade: C and PTRS 775 Minimum Grade: C

**PTRS 646 - Orthosis Management**

Using a combination of lecture and laboratory, this course will provide students with knowledge of appliance components and biomechanical principles of upper, lower and spinal orthoses. A foundational knowledge will be provided regarding appliance prescription, checkout and functional training with such devices. Case presentation will be used to enhance learning.

Credits: 1.50  
College: Nursing & Health Professions  
Department: CNHP - Rehabilitation Sciences  
Restrictions:  
Must be enrolled in one of the following Program Level(s):  
Graduate Quarter  
Must be enrolled in one of the following Major(s):  
Physical Therapy  
Rehabilitation Sciences  
Pre-Requisites: PTRS 620 Minimum Grade: C and PTRS 623 Minimum Grade: C and NEUR 507 Minimum Grade: C and PTRS 624 Minimum Grade: C and PTRS 638 Minimum Grade: C and PTRS 615 Minimum Grade: C

**PTRS 650 - Motor Control and Learning Rehab**

Students examine topics in movement science in motor control and motor learning throughout the lifespan and the application of these principles to varied patient populations. This course also allows students to review the movement science literature as it applies to select patient populations.

Credits: 3.00  
College: Nursing & Health Professions  
Department: CNHP - Rehabilitation Sciences

**PTRS 651 - Applied Tissue Biomechanics**

This course is designed to provide the information necessary for the understanding and evaluation of the effects of immobilization, increased stress and strain, injury, disease, healing and aging on biological tissues. Emphasis is placed upon the integration of tissue biomechanics into the rationale and basis for therapeutic interventions. Credits: 3.00

College: Nursing & Health Professions

Department: CNHP - Rehabilitation Sciences

Restrictions:

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

**PTRS 720 - Rehabilitation Management**

This course focuses the student on the organization and administrative aspects of health care delivery. Students knowledge of managerial and service-related business concepts are enhanced in order to increase the efficiency and effectiveness of their and others? practice in today's health care environment.

Credits: 3.00

College: Nursing & Health Professions

Department: CNHP - Rehabilitation Sciences

Restrictions:

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

**PTRS 721 - Teaching Concepts in Rehab**

The course provides information on the means of teaching/learning theory, teaching and learning styles, planning of learning experiences, clinical teaching tools and strategies, teaching objectives, effective feedback, and performance evaluation, all within the context of adult education and with the acknowledgment of the clinical experience of the participants.

Credits: 3.00

College: Nursing & Health Professions

Department: CNHP - Rehabilitation Sciences

Restrictions:

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

**PTRS 750 - Differential Diagnosis**

This course uses published evidence to explore the process of differential diagnosis and explain how it is an essential piece of all physical therapy examinations. The recognition of significant medical conditions that fall out of the scope of physical therapy practice is emphasized.

Credits: 1.00

College: Nursing & Health Professions

Department: CNHP - Rehabilitation Sciences

Restrictions:

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

**PTRS 751 - Evidence-Based Practice**

The objective of this course is development of skills for finding, analyzing, communicating and applying knowledge and research to physical therapy practice. Students will develop competencies in evidence-based clinical decision making.

Credits: 2.00

College: Nursing & Health Professions

Department: CNHP - Rehabilitation Sciences

Restrictions:

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

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

Physical Therapy

Rehabilitation Sciences

Pre-Requisites: PTRS 621 Minimum Grade: C and PTRS 627 Minimum

Grade: C and NEUR 508 Minimum Grade: C and PTRS 639 Minimum

Grade: C and PTRS 641 Minimum Grade: C and PTRS 646 Minimum

Grade: C and PTRS 616 Minimum Grade: C

**PTRS 752 - Research and Measurement in PT**

This course introduces stages of research processes including research theory, formulating the research question, literature review, sampling, and experimental controls. Areas of psychometric measurement theory including reliability and validity issues will be examined. This information is applied to common clinical and research tests and measurements related to physical therapy.

Credits: 2.00

College: Nursing & Health Professions

Department: CNHP - Rehabilitation Sciences

Restrictions:

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

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

Physical Therapy

Rehabilitation Sciences

Pre-Requisites: PTRS 621 Minimum Grade: C and PTRS 627 Minimum

Grade: C and NEUR 508 Minimum Grade: C and PTRS 639 Minimum

Grade: C and PTRS 641 Minimum Grade: C and PTRS 646 Minimum

Grade: C and PTRS 616 Minimum Grade: C

**PTRS 753 - Evaluation of Research in PT**

This course introduces experimental, quasi-experimental, exploratory, descriptive, and other research designs and the statistical analyses most often used in biomedical and rehabilitation research. Emphasis is on determining the appropriate design for the research question, integrating the research design with data analysis, synthesizing information, and understanding and critically appraising scientific literature.

Credits: 4.00

College: Nursing & Health Professions

Department: CNHP - Rehabilitation Sciences

Restrictions:

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

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

Physical Therapy

Rehabilitation Sciences

Pre-Requisites: PTRS 776 Minimum Grade: C and PTRS 635 Minimum

Grade: C

**PTRS 758 - Evidence-Based Rehabilitation**

The focus of this web-based course is on analysis of the evidence for physical (occupational) therapy practice including models and guidelines for practice. Participants development competencies in

transfer of knowledge and research into practice, clinical reasoning, and evidence based decision making.

Credits: 4.00

College: Nursing & Health Professions

Department: CNHP - Rehabilitation Sciences

Restrictions:

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

Graduate Quarter

#### **PTRS 760 - Pediatric Decision Making**

The course focuses on evidence-based examination and intervention of children with disabilities within the context of child, family, and environmental factors. The course highlights the role of physical therapists in promoting the status of the neuromuscular and musculoskeletal systems. The importance of family-centered care, parent-child interactions, and play are explored.

Credits: 4.00

College: Nursing & Health Professions

Department: CNHP - Rehabilitation Sciences

Restrictions:

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

Graduate Quarter

#### **PTRS 761 - Pediatric Clinical Application**

This course emphasizes clinical decision making related to the components of physical therapy management. The course uses a problem-based format with complex patient cases serving as the basis for the development of student learning issues. Students explore community and professional resources and apply course material to pediatric physical therapy practice.

Credits: 4.00

College: Nursing & Health Professions

Department: CNHP - Rehabilitation Sciences

Restrictions:

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

Graduate Quarter

#### **PTRS 762 - Women's Health PT**

Provides a review of female anatomy and physiology. Emphasis on aspects of examination, evaluation and intervention for selected topics related to women's health across the lifespan, especially during reproductive and menopausal years. Students are encouraged to explore the unique niche physical therapists have in providing health care services for women.

Credits: 4.00

College: Nursing & Health Professions

Department: CNHP - Rehabilitation Sciences

Restrictions:

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

Graduate Quarter

#### **PTRS 763 - Decision Making in Rehab**

This course is designed to provide students with the opportunity to integrate basic and clinical science research in the design of intervention paradigms for patients being served in rehabilitation settings.

Credits: 4.00

College: Nursing & Health Professions

Department: CNHP - Rehabilitation Sciences

Restrictions:

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

Graduate Quarter

#### **PTRS 764 - Geriatric Rehabilitation**

This course examines the implications of an aging population, effects of age on physiological, kinesiological, social, and psychological function, using evidence as a framework for examination, intervention and clinical decision making, advocacy for patients and caregivers, health promotion and wellness, the impact of Medicare, and pharmacological issues in the elderly.

Credits: 4.00

College: Nursing & Health Professions

Department: CNHP - Rehabilitation Sciences

Restrictions:

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

Graduate Quarter

#### **PTRS 765 - Spinal Rehabilitation**

This course applies an evidence-based approach to answering clinical questions about examination, diagnosis, prevention, and management of spinal and pelvic disorders. Goals are to foster independent, critical thinking based on interpretation of scientific literature and its integration into PT theory and practice and to enhance clinical examination and intervention skills.

Credits: 4.00

College: Nursing & Health Professions

Department: CNHP - Rehabilitation Sciences

Restrictions:

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

Graduate Quarter

#### **PTRS 766 - Extremity Rehabilitation**

This elective, on-line course explores advanced examination and intervention strategies for the upper and lower extremities. Clinical examination procedures (including clinical imaging), outcome measures, prevention and treatment interventions will be critically analyzed using an evidence-based approach.

Credits: 4.00

College: Nursing & Health Professions

Department: CNHP - Rehabilitation Sciences

Restrictions:

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

Graduate Quarter

#### **PTRS 767 - Foundations in Hand Therapy**

This course introduces the student to the specialized field of hand therapy. The principles of hand therapy included are musculoskeletal tissues and pathology, clinical reasoning, hand examination, splinting principles, physical agents, and therapeutic exercise. Common elbow, wrist, and hand disorders are discussed to integrate the foundation topics into clinical practice.

Credits: 4.00

College: Nursing & Health Professions

Department: CNHP - Rehabilitation Sciences

Restrictions:

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

Graduate Quarter

**PTRS 768 - Upper Quarter Joint Pathology**

This course reviews the common pathologies that effect the articulations and surrounding soft tissues, especially tendons and ligaments. Anatomy, biomechanics, and examination principles for each region, shoulder, elbow, wrist, and hand are discussed. Conservative and post-operative therapeutic management for fractures, dislocations, tendon repairs, ligament injuries, and degenerative disorders are presented.

Credits: 4.00

College: Nursing & Health Professions

Department: CNHP - Rehabilitation Sciences

Restrictions:

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

Graduate Quarter

Pre-Requisites: PTRS 767 Minimum Grade: C

**PTRS 769 - Nerve Injuries of the Upper Quarter**

This course emphasizes the anatomy and basic science principles for the cervical spine and major peripheral nerves of the upper quarter. Age-related changes and pathophysiology of nerve lacerations and entrapment neuropathies are discussed. Advanced examination skills and interventions, conservative and post-operative, for the peripheral nervous system are presented.

Credits: 4.00

College: Nursing & Health Professions

Department: CNHP - Rehabilitation Sciences

Restrictions:

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

Graduate Quarter

Pre-Requisites: PTRS 767 Minimum Grade: C

**PTRS 770 - Diseases That Affect the Hand**

Course content emphasizes the impact of disease on hand function, especially with activities of daily living, vocational activities, and recreational activities. The overview includes pathology, clinical presentation, examination techniques and clinical interventions specific to the hand. Additionally, multisystem involvement associated with mutilated hand injuries and pain syndromes is discussed.

Credits: 4.00

College: Nursing & Health Professions

Department: CNHP - Rehabilitation Sciences

Restrictions:

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

Graduate Quarter

Pre-Requisites: PTRS 767 Minimum Grade: C

**PTRS 771 - Work Injury Management**

This course emphasizes management of clients with work-related musculoskeletal injuries with focus on identifying and defining the therapists' involvement in the return to work process. Topics such as ergonomic assessment, onsite programs, safety and wellness programs, and government regulations will be presented with a global view of the industrial setting.

Credits: 2.00

College: Nursing & Health Professions

Department: CNHP - Rehabilitation Sciences

Restrictions:

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

Graduate Quarter

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

Physical Therapy

Rehabilitation Sciences

**PTRS 772 - Selected Topics in Pediatrics**

This course is designed to provide the opportunity for advanced content and discussion regarding issues facing the pediatric practitioner. This course is designed to address current issues related to practice in various pediatric settings. Topics are introduced and content delivered, but the emphasis will be on student/instructor interaction and discussion. May not be repeated for credit.

Credits: 4.00

College: Nursing & Health Professions

Department: CNHP - Rehabilitation Sciences

Restrictions:

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

Graduate Quarter

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

Physical Therapy

Rehabilitation Sciences

**PTRS 773 - Seminar in Pediatrics**

This seminar exposes students to current standards, guidelines, and evidence related to pediatric community-based physical therapy practice. The seminar emphasizes the role of the therapist in early intervention and school-based practice. Advocacy for self-determination, inclusion and services in a child's natural environment is explored.

Credits: 4.00

College: Nursing & Health Professions

Department: CNHP - Rehabilitation Sciences

Restrictions:

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

Graduate Quarter

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

Physical Therapy

Rehabilitation Sciences

**PTRS 774 - Clinical Education Seminar**

This seminar-based course precedes the student's first full-time clinical education experience and assists the student in transitioning from the classroom to the clinical setting. Through simulated cases and role-playing exercises, the student will develop knowledge and behavioral skills for effective practice as a student physical therapist in the clinical environment.

Credits: .50

College: Nursing & Health Professions

Department: CNHP - Rehabilitation Sciences

Restrictions:

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

Graduate Quarter

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

Physical Therapy

Rehabilitation Sciences

Pre-Requisites: PTRS 621 Minimum Grade: C and PTRS 627 Minimum

Grade: C and NEUR 508 Minimum Grade: C and PTRS 639 Minimum

Grade: C and PTRS 641 Minimum Grade: C and PTRS 646 Minimum

Grade: C and PTRS 616 Minimum Grade: C

### **PTRS 775 - Clinical Education I**

This course is the first of four required full-time supervised clinical education experiences. This course is the student's opportunity to begin to apply classroom knowledge and laboratory skills to patients and clients. The student also begins to develop as a professional through role modeling by the clinical instructor.

Credits: 1.00

College: Nursing & Health Professions

Department: CNHP - Rehabilitation Sciences

Restrictions:

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

Graduate Quarter

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

Physical Therapy

Rehabilitation Sciences

Pre-Requisites: PTRS 621 Minimum Grade: C and PTRS 627 Minimum

Grade: C and NEUR 508 Minimum Grade: C and PTRS 639 Minimum

Grade: C and PTRS 641 Minimum Grade: C and PTRS 646 Minimum

Grade: C and PTRS 616 Minimum Grade: C

### **PTRS 776 - Clinical Education II**

This course is the second of four required full-time supervised clinical education experiences. The student continues to apply classroom knowledge and laboratory skills and will be involved in all aspects of patient-client management (examination, evaluation, diagnosis, prognosis, intervention, discharge, and outcomes management).

Credits: 2.00

College: Nursing & Health Professions

Department: CNHP - Rehabilitation Sciences

Restrictions:

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

Graduate Quarter

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

Physical Therapy

Rehabilitation Sciences

Pre-Requisites: PTRS 622 Minimum Grade: C and PTRS 628 Minimum

Grade: C and PTRS 645 Minimum Grade: C and PTRS 644 Minimum

Grade: C and PTRS 642 Minimum Grade: C and PTRS 640 Minimum

Grade: C

### **PTRS 777 - Clinical Education III**

This course is the third of four required full-time supervised clinical education experiences. Prior to this course the student will have completed all didactic coursework. He or she is expected to demonstrate competence in the comprehensive management of the simple patient and occasional guidance in managing the complex patient.

Credits: 2.00

College: Nursing & Health Professions

Department: CNHP - Rehabilitation Sciences

Restrictions:

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

Graduate Quarter

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

Physical Therapy

Rehabilitation Sciences

Pre-Requisites: PTRS 753 Minimum Grade: C and PTRS 643 Minimum

Grade: C and PTRS 610 Minimum Grade: C and PTRS 632 Minimum

Grade: C and PTRS 538 Minimum Grade: C and PTRS 636 Minimum

Grade: C

### **PTRS 778 - Clinical Internship**

This course is the final and capstone full-time supervised clinical education experience. The student attains mastery of knowledge, skills, and attitudes to effectively and safely practice in today's healthcare environment. The student will experience the multiple roles of the physical therapist, such as those related to administration and health promotion.

Credits: 3.00

College: Nursing & Health Professions

Department: CNHP - Rehabilitation Sciences

Restrictions:

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

Graduate Quarter

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

Physical Therapy

Rehabilitation Sciences

Pre-Requisites: PTRS 777 Minimum Grade: C and PTRS 637 Minimum

Grade: C

### **PTRS 779 - Independent Project**

Independent Project provides the student an exposure to physical therapy scholarship and research through participation in a faculty research project or self-directed study.

Credits: 1.00 to 3.00

College: Nursing & Health Professions

Department: CNHP - Rehabilitation Sciences

Restrictions:

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

Graduate Quarter

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

Physical Therapy

Rehabilitation Sciences

### **PTRS 786 - MHS Final Project I**

Students develop a final project to demonstrate the ability to use current best evidence to evaluate methods of service delivery or interventions at individual or program levels. Completion of an in-depth literature review associated with the project approved by the student's advisory committee is the focus of this course.

Credits: 1.00 to 2.00

College: Nursing & Health Professions

Department: CNHP - Rehabilitation Sciences

Restrictions:

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

Graduate Quarter

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

Physical Therapy

Rehabilitation Sciences

Pre-Requisites: PTRS 501 Minimum Grade: C and RHAB 759 Minimum

Grade: C and PTRS 758 Minimum Grade: C and PTRS 721 Minimum

Grade: C and PTRS 650 Minimum Grade: C and PTRS 651 Minimum

Grade: C

### **PTRS 787 - MHS Final Project II**

Students conduct a well designed and executed study that addresses service delivery at the individual or program level. The results of the study are presented in manuscript format suitable for dissemination at a professional meeting, in a relevant peer-reviewed journal, or other educational resources used by rehabilitation specialists.



Credits: 1.00 to 2.00

College: Nursing & Health Professions

Department: CNHP - Rehabilitation Sciences

Restrictions:

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

Graduate Quarter

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

Physical Therapy

Rehabilitation Sciences

Pre-Requisites: PTRS 786 Minimum Grade: C

## Rehabilitation Sciences Courses

### **RHAB 759 - Introduction to Biostatistics**

This is an introductory course which focuses on the fundamentals of biostatistics for nursing and health sciences graduate students. Excel-based and SPSS assignments are used to supplement the content. May be repeated once for credit.

Credits: 3.00

College: Nursing & Health Professions

Department: CNHP - Rehabilitation Sciences

Restrictions:

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

Graduate Quarter

Must be enrolled in one of the following College(s)/School(s):

Nursing & Health Professions

### **RHAB 760 - Academia for Rehab Scientists**

Students are introduced to the organizational structures and functions commonly found in universities and colleges. Internal and external environmental issues of higher education and professional development are discussed. Familiarity with the context of academic environments enables the students to understand their roles and responsibilities as faculty members.

Credits: 1.00

College: Nursing & Health Professions

Department: CNHP - Rehabilitation Sciences

Restrictions:

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

Graduate Quarter

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

Physical Therapy

Rehabilitation Sciences

### **RHAB 761 - Foundations of Rehab Research**

Provides exposure to theories and models related to rehabilitation sciences research. Theories that may be applied to various phases of the enabling-disabling process are examined. Students discuss how these theories are tied to development of research questions in line with the mission, goals and research priorities of funding sources.

Credits: 3.00

College: Nursing & Health Professions

Department: CNHP - Rehabilitation Sciences

Restrictions:

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

Graduate Quarter

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

Physical Therapy

Rehabilitation Sciences

### **RHAB 762 - Teaching for Rehab Faculty**

This course is an introduction to teaching methods commonly employed in the education of physical therapists and rehabilitation scientists. Foundational aspects of theories of teaching, learning and student assessment are included.

Credits: 3.00

College: Nursing & Health Professions

Department: CNHP - Rehabilitation Sciences

Restrictions:

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

Graduate Quarter

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

Physical Therapy

Rehabilitation Sciences

### **RHAB 763 - Biomechanics in Rehabilitation**

The first half of the class focuses on statics (muscle forces and stress-strain analysis), and the second half concentrates on dynamics (kinematic and kinetic analysis of human motion) with applications. Some minor computer work is required for this class, mainly using the Microsoft Excel spreadsheet program.

Credits: 3.00

College: Nursing & Health Professions

Department: CNHP - Rehabilitation Sciences

Restrictions:

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

Graduate Quarter

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

Physical Therapy

Rehabilitation Sciences

### **RHAB 764 - Biomechanics in Human Movement**

The first half of the class focuses on the development of the tools necessary to conduct biomechanics research, process the data, and perform biomechanical data analysis. The second half of the class works through common biomechanics questions related to human movement in three dimensions.

Credits: 3.00

College: Nursing & Health Professions

Department: CNHP - Rehabilitation Sciences

Restrictions:

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

Graduate Quarter

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

Physical Therapy

Rehabilitation Sciences

### **RHAB 765 - Intro to Movement Science**

This class focuses on structures and mechanisms underlying human movements, principles of movement control and learning, and methods of motor control and learning research using current theories of motor control and motor learning in healthy populations. Applied lab activities are used to enhance student learning of theoretical concepts. May be repeated once for credit.

Credits: 3.00

College: Nursing & Health Professions

Department: CNHP - Rehabilitation Sciences

Restrictions:

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

Graduate Quarter

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

Physical Therapy

Rehabilitation Sciences

#### **RHAB 811 - Intermediate Biostatistics**

This is an intermediate level statistics course focusing on repeated measures analysis of variance (ANOVA) and selected multivariate statistical tests used in the nursing and health sciences. May be repeated once for credit.

Credits: 3.00

College: Nursing & Health Professions

Department: CNHP - Rehabilitation Sciences

Restrictions:

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

Graduate Quarter

Must be enrolled in one of the following College(s)/School(s):

Nursing & Health Professions

#### **RHAB 812 - Interpretation of Data**

This is an advanced seminar on issues such as power and effect size calculations and interpretation of results of statistical analysis including outputs of statistical software packages.

Credits: 3.00

College: Nursing & Health Professions

Department: CNHP - Rehabilitation Sciences

Restrictions:

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

Graduate Quarter

Must be enrolled in one of the following College(s)/School(s):

Nursing & Health Professions

#### **RHAB 813 - Measurement Theory in Rehab**

The emphasis of this course is on the assessment of the uses, advantages, validity, reliability, and sources of error in measurement tools commonly used in rehabilitation sciences and on methodological and outcome research methods.

Credits: 3.00

College: Nursing & Health Professions

Department: CNHP - Rehabilitation Sciences

Restrictions:

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

Graduate Quarter

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

Physical Therapy

Rehabilitation Sciences

#### **RHAB 814 - Research Designs in Rehab**

Research Designs is a core course in the PhD program and provides a review of concepts and principles for PhD students. The focus is on application of research designs and methods that are applicable to rehabilitation sciences research.

Credits: 3.00

College: Nursing & Health Professions

Department: CNHP - Rehabilitation Sciences

Restrictions:

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

Graduate Quarter

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

Physical Therapy

Rehabilitation Sciences

#### **RHAB 815 - Scientific Inquiry and Writing**

This seminar focuses on the conceptual framework and aims of a research project, including the use of theory, evidence and practice models to develop the rationale for the project; writing a review article, research proposal, and research report; identifying sources for funding and the peer-review process.

Credits: 3.00

College: Nursing & Health Professions

Department: CNHP - Rehabilitation Sciences

Restrictions:

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

Graduate Quarter

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

Physical Therapy

Rehabilitation Sciences

Pre-Requisites: RHAB 761 Minimum Grade: C and RHAB 811 Minimum

Grade: C and RHAB 812 Minimum Grade: C and RHAB 813 Minimum

Grade: C and RHAB 814 Minimum Grade: C

#### **RHAB 816 - Special Topics**

The course description will be developed by the Course Director depending upon the course content. May be repeated three times for credit.

Credits: 1.00 to 4.00

College: Nursing & Health Professions

Department: CNHP - Rehabilitation Sciences

Restrictions:

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

Graduate Quarter

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

Physical Therapy

Rehabilitation Sciences

#### **RHAB 820 - Independent Study**

Independent study is offered PhD students to afford them the opportunity to develop various components of their research or for content related to their interests. The course is structured with a contract and is designed to allow students access to avenues and resources (personnel, mentorship, institutional) to enrich their learning. May be repeated three times for credit.

Credits: 1.00 to 4.00

College: Nursing & Health Professions

Department: CNHP - Rehabilitation Sciences

Restrictions:

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

Graduate Quarter

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

Physical Therapy

Rehabilitation Sciences

#### **RHAB 823 - Research Practicum**

Prepares the student for dissertation research through faculty-supervised research experiences. Focuses on one or more stages of the research process, such as developing a question, literature review, design and method, IRB, grant writing, subject recruitment, instrumentation, measurement, data collection, data analysis,

interpretation of results, and/or dissemination of results. May be repeated for credit.

Credits: 1.00 to 6.00

College: Nursing & Health Professions

Department: CNHP - Rehabilitation Sciences

Restrictions:

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

Graduate Quarter

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

Physical Therapy

Rehabilitation Sciences

#### **RHAB 824 - Teaching Practicum I**

This course requires a negotiated agreement, leading to a contract among the Course Director/Instructor, the student and the student's advisor. The student develops a syllabus, write goals and objectives, prepare and present materials, develop assessments strategies, and participate in the administrative responsibilities of the course. May be repeated three times for credit.

Credits: 1.00

College: Nursing & Health Professions

Department: CNHP - Rehabilitation Sciences

Restrictions:

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

Graduate Quarter

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

Physical Therapy

Rehabilitation Sciences

Pre-Requisites: RHAB 762 Minimum Grade: C

#### **RHAB 825 - Teaching Practicum II**

This course requires a negotiated agreement, leading to a contract among the Course Director/Instructor, the student and the student's advisor. The student develops a syllabus, write goals and objectives, prepare and present materials, develop assessments strategies, and participate in the administrative responsibilities of the course. May be repeated twice for credit.

Credits: 2.00

College: Nursing & Health Professions

Department: CNHP - Rehabilitation Sciences

Restrictions:

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

Graduate Quarter

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

Physical Therapy

Rehabilitation Sciences

Pre-Requisites: RHAB 762 Minimum Grade: C

#### **RHAB 826 - Teaching Practicum III**

This course requires a negotiated agreement, leading to a contract among the Course Director/Instructor, the student and the student's advisor. The student develops a syllabus, write goals and objectives, prepare and present materials, develop assessments strategies, and participate in the administrative responsibilities of the course. May be repeated twice for credit.

Credits: 3.00

College: Nursing & Health Professions

Department: CNHP - Rehabilitation Sciences

Restrictions:

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

Graduate Quarter

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

Physical Therapy

Rehabilitation Sciences

Pre-Requisites: RHAB 762 Minimum Grade: C

#### **RHAB 830 - Dissertation Research**

Through dissertation a student demonstrates mastery of the research process unique to his/her specialty and produces an original contribution of knowledge. The dissertation process provides the student with the foundation for a continued career as a scholar. May be repeated for credit.

Credits: 1.00 to 12.00

College: Nursing & Health Professions

Department: CNHP - Rehabilitation Sciences

Restrictions:

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

Graduate Quarter

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

Rehabilitation Sciences

### **Research Courses**

#### **RSCH 519 - Introduction to Biostatistics**

This is an introductory course which focuses on the fundamentals of biostatistics for health sciences graduate students. Excel-based and SPSS assignments will be used to supplement the content.

Credits: 3.00

College: Nursing & Health Professions

Department: CNHP - Master's Degree

Restrictions:

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

Graduate Quarter

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

Nursing

#### **RSCH 523 - Methods for Health Research**

The course is designed to provide professional graduate students with the skills necessary to evaluate the relationship between practice and published research. The course content includes an overview of research concepts, ethics in research, literature searches and reviews, quantitative and qualitative research methods and designs, and data collection, analysis and interpretation techniques. An interdisciplinary team of faculty teaches the course using a problem solving approach. When feasible, concepts and problems are addressed by students in interdisciplinary teams. Through evaluation of published research in an interdisciplinary context, the skills of evidence-based practice are developed.

Credits: 3.00

College: Nursing & Health Professions

Department: CNHP - Master's Degree

Restrictions:

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

Graduate Quarter

Must be enrolled in one of the following College(s)/School(s):

Nursing & Health Professions

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

Nursing

Pre-Requisites: RSCH 500 Minimum Grade: C

**RSCH 701 - Intro Biostatistics for Clin Rsch**

This is an introductory course which focuses on the fundamentals of biostatistics and clinical research for nursing graduate students. Excel-based and SPSS assignments will be used to supplement the content.

Credits: 3.00

College: Nursing & Health Professions

Department: CNHP - Master's Degree

Restrictions:

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

Graduate Quarter