

GENERAL INFORMATION

Accreditation and Approvals

Additional approval:

Creighton University is authorized by the Washington Student Achievement Council and meets the requirements and minimum educational standards established for degree-granting institutions under the Degree-Granting Institutions Act. This authorization is subject to periodic review and authorizes Creighton University to offer field placement components for specific degree programs. The Council may be contacted for a list of currently authorized programs. Authorization by the Council does not carry with it an endorsement by the Council of the institution or its programs. Any person desiring information about the requirements of the act or the applicability of those requirements to the institution may contact the Council at P.O. Box 43430, Olympia, WA 98504-3430.

Admission

Addition of policy: Cancellation Policy

An applicant is entitled to cancel enrollment within three (3) business days (excluding Saturday, Sunday and federal and state holidays) after receipt of notice of acceptance and is entitled to a refund of all monies paid within ten (10) business days of filing the notice of cancellation.

Tuition and Fees: Withdrawals and Refunds

Addition to policy:

State Specific Refund Policy

Some states where the University has authorization to operate require a separate tuition refund policy for their residents. These are described below.

Wisconsin Residents * (for Wisconsin residents enrolled in on-line programs/courses)

Students have the right to cancel enrollment until midnight of the third business day after receipt of notice of acceptance and are entitled to a full refund of any tuition and other monies paid such as deposits or application fees. Refunds for **cancellation** will be paid within **10** days.

Students who withdraw before completing 60% of the term are entitled to partial refunds, prorated in accordance with Wisconsin state policies. The pro-rata refund is calculated by the number of class days remaining in the term after the last day completed, divided by the total number of class-days, rounded down to the nearest 10%, less a one-time application fee [\$50 for undergraduate, \$30 for SPAHP and \$30 for graduate]. The pro rata refund percentage will be applied to tuition and other required costs paid by the student for the term.

All efforts will be made to refund "prepaid" expenses, books, supplies and other charges billed in advance directly to a student's account; unless the student has consumed or used those items and they can no longer be used or returned.

The school will issue refunds within **40** days of the effective date of termination. A written notice of withdrawal is not required. A registered student will be considered as having withdrawn from the University after two consecutive weeks of unexplained absence.

No refund is required for any student who withdraws or is dismissed after completing 60% of the potential units of instruction in the current enrollment period unless a student withdraws due to mitigating circumstances, which are those that directly prohibit pursuit of a program and which are beyond the student's control.

**The federal guidelines for returning federal Title IV funds will remain intact with NO exceptions.*

Student Financial Aid

Additional Scholarship:

Anthony and Michele Lupo Catanese Christian Spirituality Scholarship

This scholarship was established to assist students enrolled in Creighton's Master of Arts with a major in Christian Spirituality who demonstrate financial need. The Christian Spirituality program director or scholarship committee will select the recipient(s) and the amount of the award.

GRADUATE PROGRAMS and COURSES OF INSTRUCTION

Business Administration:

Correction of Credit Hours: MBA 766 (1-3)

Biomedical Sciences:

New Courses:

IDC 662 Introduction to Neurobiology (3)

This course covers anatomical, physiological, cellular, molecular, biochemical, developmental, and comparative aspects of neurobiology. Invertebrate and vertebrate model systems are presented to illustrate how the nervous system controls behavior. The communication of prevailing theories, concepts, ideas, and experimentation in verbal and written form is also an integral component of this course. **P: Graduate standing and IC.**

IDC 792 Hot Topics in Neurobiology (1)

This course covers in-depth reading and discussions on current research topics of interest to faculty and students in neuroscience. Students will learn to critically review current scientific papers. Students will be expected to select, read, present and lead individual discussions of scientific articles covering prevailing theories, concepts, ideas, and experimental techniques in neuroscience. The course is repeatable. **P: Graduate standing and IC.**

Chemistry

New course:

CHM 526 Practical Spectroscopy: NMR (1)

A practical course of NMR operation and experiment design. NMR probe tuning, shimming, determination of 90 degree pulses and relaxations times, advanced 1D and basic 2D experiments will be described and practiced. **P: IC.**

Clinical and Translational Science:

Change of Credit Hours: CTS 797 (2-6)

Creative Writing (M.F.A.):

New master's program to be implemented Fall 2013.

New Courses:

CRW 641 Prose Workshop (3)

A discussion-based course in which students meet weekly to discuss their original prose writing (fiction, creative non-fiction, etc.). Open only to students who have been admitted to the prose track of the MFA program or to those who receive permission from the MFA program director. May be repeated for a total of 12 credits. Graded Satisfactory/Unsatisfactory.

CRW 642 Poetry Workshop (3)

A creative writing workshop in which students meet weekly for discussion of their original poetry. Open only to students who have been admitted to the poetry track of the MFA program or to those who receive permission from the program director. May be repeated for a total of 12 credits. Satisfactory/Unsatisfactory.

CRW 651 The Craft of Prose (3)

Lecture, discussion, and practice in the techniques of writing literary prose, the focus changing from term to term. Open only to students who have been admitted to the MFA program or to those who receive permission from the program director. May be repeated for a total of 12 credits.

CRW 652 The Craft of Poetry (3)

Lecture, discussion, and practice in the techniques of writing poetry, the focus changing from term to term. Open only to students who have been admitted to the MFA program or to those who receive permission from the program director. May be repeated for a total of 12 credits.

CRW 761 Prose Seminar (3)

The study of prose literature from a writer's perspective, with a focus on composition strategies, choices, and other writerly considerations. Full texts will be chosen and discussed, based on instructor and student interest. The writing requirement for this course is both creative and critical. May be repeated for a total of 12 credits.

CRW 762 Poetry Seminar (3)

The study of poetry from a writer's perspective, with a focus on composition strategies, choices, and other writerly considerations. Topic and texts change from term to term, based on instructor and student interest. The writing requirement for this course is both creative and critical. May be repeated for a total of 12 credits.

CRW 799 Thesis (3)

The course provides concentrated time, guidance, and study for the preparation of the creative thesis. Under the supervision of a full-time creative writing faculty member of his or her choice, the student plans and writes a book-length manuscript of original prose or poetry according to specifications established by the MFA program. The student takes the course twice, once early in the program in order to plan the structure and overall vision of the project. Then, in the second year of the program, the student takes CRW 799 again in order to work on editing and revising the thesis. The student will work out with his or her advisor the best terms for taking the course. Upon completion, the thesis will be reviewed and graded by a panel of three faculty members, including the supervising faculty member. The student will be expected to select the panel with the approval of the Creative Writing Program Director. Students should check with the Director of Creative Writing for information about deadlines and guidelines. Satisfactory/Unsatisfactory.

East-West Studies (M.A.):

New master's program implemented Fall 2013.

*New Courses:***EWS 551 Comparative Philosophy of China to the West (3)**

This course is designed to explore the theory and practice of Chinese philosophy. A comparison to western philosophy is a part of work in this study. The course will introduce the development of Chinese philosophy from ancient to modern times. The contributions from a few main schools, such as Confucianism, Daoism, and Maoism, will be carefully discussed. The basic doctrines and moral principles held by different Chinese philosophers will be examined. The course will also involve some comparative studies, such as a comparison of Confucian to Socrates, Moist logic to Aristotelian Logic, Daoism to Stoics. Students are encouraged to find out the similarities and differences between Chinese culture and Western culture.

EWS 602 History and Politics (3)

This course is designed to introduce students to the theories, concepts, approaches, and methods in both Eastern and Western history and politics. It is set to examine and compare some key concepts, such as the state, government, institutions, class and social conflicts, modernization and development. This course will study researches on the recent influential approaches and modern concepts in politics, such as rational choice, the new institutionalism, social capital, and civil society in various contexts on political systems. This course is to explore other ways in political leadership and governmental systems, from which the Western way, in particular, the American way, of politics is to be re-examined from a comparative and global perspective.

EWS 603 Art and Literature (3)

This course examines different aesthetical points of view, concepts and styles in both Asian and Western works of art and literature. Drawing primarily from original texts from both classical and contemporary literary traditions, the course provides a deep-rooted framework with which we will analyze different aesthetical standards of beauty, creativity, and goodness. In doing so, we will explore similarities and differences between Eastern and Western art and literature and study how these works have impacted people's values and ways of living throughout history and today.

EWS 606 Philosophy and Religion (3)

This course is designed to examine classical works in both Asian and Western philosophy and religion in seeking basic understanding on the questions which remain unanswered for centuries, such as, Is Chinese thought a philosophy? Or does Western thought share the same logical of the Eastern mind? The course is to study original texts from both the Eastern and Western traditions that deal with similar problems with different mindset philosophically. The contemporary cultural dialogues between the East and West will be examined as well. It provides students with a solid foundation in examining similarities and differences with different cultural

EWS 618 People and Culture (3)

This course comparatively examines the functional aspects of Eastern countries (e.g. people, government, institutions, culture social structures) and compares the traditions in places such as China, India, Korea and Japan, with those in the West. Comparative approaches will be applied to accurately examine and understand both Eastern and Western cultures and the personal and institutional relationships that exist within.

EWS 679 Asian Thought (3) (same as MLS 679)

Asian Thought provides an interdisciplinary overview of the history, politics, culture, economics and environment of the Asian region. The course examines the rich past of the region and its ongoing contributions to the global community. Asia lends itself to multidisciplinary Area Studies insofar as it includes some of the world's most vibrant economies, the most rapidly developing states and the most challenging political ideas, while at the same time it is home to several world religions and civilizations. The current global prominence of East Asia, and the rapidly developing economies of South and Southeast Asia, makes an interesting case study for the impact of modernity on traditional modes of thought. This course will pay particular attention to issues of conflict resolution: with Taiwan and China, India and Pakistan, and the Korean peninsula.

EWS 797 Directed Independent Research (1-3)

Students will research a single topic regarding east-west studies in-depth while under the supervision and guidance of faculty members. Students are expected to set up regular scheduled meeting times with the faculty member. Each student will also be expected to give a presentation highlighting his/her final study report upon conclusion of the course highlighting his/her research and findings. The student will also prepare a paper of publishable quality and length and to the satisfaction of the research committee. **P: IC.**

Education:

Correction of Master of Education (M.Ed.) endorsement areas:

Correct field endorsement: Mathematics is Mathematics (6-12); *Delete Secondary Teaching Areas:* Biology, Chemistry, German, Latin, Physics; *Delete supplemental endorsement:* English as a Second Language (K-12)

Change of requirements:

M.S. , Educational Leadership: Program is now 36 hours, with COU 642 (Elem School Admin) or COU 646 (Secondary School Admin) not required.

English:

New Courses:

ENG 745 Seminar in Postcolonial Literature (3)

Graduate seminar in postcolonial literatures of the world in English.

ENG 789 Special Topics in English Graduate Studies (3)

Study of specialized topics or issues that cut across or do not fit within traditional periods or genres.

Government and Leadership:

Change of Program Title: Government Organization and Leadership will now be Government and Leadership

History

Change of credit hours: HIS 585 now 1-6 credits

Information Technology Management:

Correction of Credit Hours: ITM 766 (1-3)

Interdisciplinary Leadership - EdD:

New Courses:

ILD 836 Leadership, Public Relation and Stakeholder Engagement (3)

Examine leadership, public relations, and stakeholder engagement from an interdisciplinary perspective. Explore the notion of transparent communication and the impact that it has on creating an open and ethical organization. Identify the opportunities and challenges of stakeholder engagement with internal, external and global audiences, through the news media, social media, crisis communication, and corporate social responsibility.

ILD 853 Scholarly Project Methodologies (3)

The course focuses on methodologies applicable for a systematic, planned, evidence-based scholarly project from an interdisciplinary leadership perspective. Students will be required to develop, organize, and plan an implementation and evaluation of a major, complex project in preparation for a scholarly dissertation.

Revised Course:

ILD 899 Dissertation Research (1-9)

The dissertation research project is a process of inquiry focused on practical issues related to the student's discipline. It can take the format of a traditional applied research study or a scholarly leadership project that is evidence-based. The dissertation addresses real world problems or issues in applied settings. The student workplace or practice setting is the laboratory for development of the dissertation. The dissertation provides the structure for examination of the student's practice in a thoughtful and systematic way. The dissertation proposal must be approved as part of the first three (3) credit hours of dissertation credit earned. Students take the first three credits in faculty facilitated courses. The first credit, identified as **899A**, focuses on the dissertation process in which students determine the type and topic of dissertation. The second credit, **899B**, completes the topic statement, importance of the dissertation, and emphasizes the literature review. The third credit, **899C**, completes the design of the dissertation and completes the proposal for submission to the dissertation committee. The remaining 6 credits are to be taken over the next 1-2 years, working with the student's chair and dissertation committee collecting data, analyzing data, presenting results, summarizing findings, and drawing conclusions in preparation for the final paper and oral defense; or completing the Leadership Project in preparation for presentation and oral defense.

Course Changes:

ILD 809, 899A, 899B, 899C, 899 – grading is Satisfactory/Unsatisfactory.

International Relations:

New Course:

RDA 570 Introduction to Geographic Information Systems (4)

An introduction to the design, development, and application of geographic information systems (GIS) and related technologies to conduct spatial analysis in applied research settings that require the integration of data from diverse sources. Students will complete individual projects focusing on a topical area of their choice in order to develop an understanding of the basic technologies, and to demonstrate their skill in using these technologies to analyze a research topic. Research topics may be drawn from any subject field for which data sets with geographic variables are available. These may include anthropology, criminal justice, demography, economics, environmental science, health care, marketing, political science, sociology and social work. **P: SOC 312 or IC.**

Liberal Studies:

New Course:

MLS 640 The Jesuits, Their Spirituality, History, and Pedagogy (3)

An examination of the Society of Jesus from its founding by Ignatius of Loyola during the pivotal 16th century, through suppression and recovery, to the challenges of the modern post-Vatican II era, this course seeks to understand the Jesuits by understanding their history, spirituality, and pedagogy. Among these three, the second takes prominence. Over half the course will be given to understanding the Spiritual Exercises of St. Ignatius and the spirituality they promote. This course has been developed specifically for adult learners like those in the MLS program. It depends heavily on their experience of life and their willingness to reflect on it.

Medical Anthropology:

New Course:

MMA 660 Directed Projects in Medical Anthropology (1-6)

The student, supervised by a faculty member, pursues in-depth library research on a specific topic, resulting in a paper of publishable quality and length, assessed by the supervising faculty member in terms of 1) research, reading and writing skills, 2) critical thinking and 3) scientific significance. **P: MMA 600.**

Medical Microbiology and Immunology:

New Program Director: Patrick Swanson

Corrected Admission Requirements: Regarding the GRE: A minimum combined score of 150 is required for both the verbal and quantitative reasoning sections, and a minimum score of 4.0 is required for the analytical writing component.

Negotiation and Dispute Resolution:

New Courses:

NDR 670 Foundations and Functions of College Student Affairs (3)

This course offers an introductory examination of the history and philosophy of college student affairs. The contextual dimensions, knowledge and skills, and assessment/evaluation appropriate to the college student affairs settings will be introduced.

NDR 671 Internship in College Student Affairs I (3)

Supervised on-site experience in counseling, program development, and implementation for clients and the student body at large. Experience in the full range of counselor and student affairs duties, responsibilities and activities in their internal college setting.

NDR 672 Internship in College Student Affairs II (3)

Supervised on-site experience in counseling, program development, and implementation for clients and the student body at large. Experience in the full range of counselor and student affairs duties, responsibilities and activities in their internal college setting.

Revised Course Title and Description:

NDR 612 Staying with Conflict: Working with Ongoing Disputes (2)

Conflict specialists often think of conflict as a linear process requiring effective resolution. But the most important conflicts in people's lives do not end – they endure in one form or another, sometimes for many years. This presents both a major challenge and a major opportunity for conflict interveners. In this course, we will consider what causes conflicts to endure, the role of short term interventions in long term conflicts and the ways in which conflict interveners can help find ways to turn a destructive conflict into a more constructive ongoing interaction.

Nursing:

Correction of Course Offering: NUR 712 – only offered in spring semester, not summer

New Courses:

NUR 650 Advanced Pathophysiology Across the Lifespan (3) I

NUR 650 is designed to provide students with an understanding of the relationship between normal physiologic functioning and pathophysiologic phenomena and clinical manifestations of human responses to actual or potential health alterations across the lifespan, from neonate through the older adult. This base serves as one of the primary components for clinical assessment, decision-making, and care management. The following elements are integrated into the course: health states, critical thinking, professional communication, evidence-based practice, scientific integrity and ethical decision-making, genetics/genomics, and age and development.

NUR 731 Primary Care of Adult/Gerontological Population III (3) I

NUR 731 will focus on issues especially pertinent to the older adult. Students will develop knowledge and skills that will allow them to assess, diagnose, and clinically manage older adults as they respond to acute and chronic health problems. The course will focus on syndromes unique to the older adult. **P: NUR 720, 723 or 725 or NUR 760 or NUR 761; CO: NUR 725 or NUR 759 or NUR 760.**

Course Changes:

NUR 694 Advanced Health Assessment Across the Lifespan (3) II

NUR 694 prepares students to develop a comprehensive database, including physical, gestational, developmental, behavioral, cultural/social, and family assessment using clinical techniques and appropriate diagnostic tests. Students are introduced to the diagnostic reasoning process for the purpose of establishing differential diagnoses. The knowledge, skills, and abilities learned provide a foundation for development as advanced generalists or as advanced practice nurses in primary and/or acute settings as they begin to diagnose acute, chronic, and episodic health problems or responses to health problems for individuals and families. Students will have opportunities to obtain advanced knowledge and clinical skill in performing common diagnostic and therapeutic procedures related to the role of the nurse practitioner. **(The course includes 2 credit hours of didactic content and 1 credit hour of laboratory experiences. The 1 credit hour laboratory experience = 60 contact hours). P: 2000 hours of direct care experience as a professional nurse; NUR 650 and 607; CO: NUR 695 (Adult Gerontology Nurse Practitioner track students); NUR 696 (Family Nurse Practitioner students); NUR 697 (Adult Gerontology Acute Care Nurse Practitioner track students); NUR 621 (Pediatric Acute Care track students).**

NUR 695 Practicum I: Health Assessment of Adults and Older Adults Across the Lifespan (1) II

NUR 695 is a preceptor-supervised practicum for advanced practice nurse students and clinical nurse leader students. This course focuses on the development of advanced competencies in health assessment. Students work in clinical settings with preceptors who provide guidance and feedback in the areas of history and physical assessment and diagnostic reasoning. Students will have opportunities to obtain advanced knowledge and clinical skill in performing common diagnostic and therapeutic procedures related to the role of the nurse practitioner. **The practicum = 75 contact hours. P: NUR 607 and 650; CO: NUR 694.**

NUR 696 Practicum I: Health Assessment of Individuals Across the Lifespan (1) II

NUR 696 focuses on developing advanced competencies in the assessment of health status of patients. Students work in clinical settings with preceptors who provide guidance and feedback in the areas of history and physical assessment and diagnostic reasoning. Students will have opportunities to obtain advanced knowledge and clinical skill in performing common diagnostic and therapeutic procedures related to the role of the nurse practitioner. **The practicum = 75 contact hours. P: NUR 607 and 650; CO: NUR 694.**

NUR 697 Practicum I: Health Assessment of Adults and Older Adults in Acute and Critical Care (1) II

NUR 697 focuses on developing advanced competencies in the assessment of the health status of patients. Students work in clinical settings with preceptors who provide guidance and feedback in the areas of history and physical assessment and diagnostic reasoning for adult patients and older adults. Students will have opportunities to obtain advanced knowledge and clinical skill in performing common diagnostic and therapeutic procedures related to the role of the nurse practitioner. **The practicum = 75 contact hours. P: NUR 607 and 650; CO: NUR 694.**

NUR 714 Primary Care of Adult/Gerontological Population I (3) S

NUR 714 provides a theoretical and practical base for students to diagnose and manage common and uncomplicated acute episodic and chronic health problems of adults that are managed predominantly in primary care settings. Content includes management strategies from the domains of nursing, medical, and pharmacological therapeutics, and emphasizes direct care to patients with health problems in selected body systems. Students will have opportunities to obtain advanced knowledge and clinical skill in performing common diagnostic and therapeutic procedures related to the role of the nurse practitioner. The student is expected to apply the concepts and theories discussed in class to the care of adult patients in concurrent and subsequent clinical practicum courses. **P: NUR 687 and 694; NUR 695 or 696; CO: NUR 715; NUR 716 (Adult) or 717 (Family).**

NUR 715 Practicum II: Family Nurse Practitioner (2) S

NUR 715 allows students to begin the development of the family nurse practitioner role by providing health care services to patients across the lifespan in primary care settings. The course emphasizes the further development of clinical assessment and diagnostic reasoning skills in the diagnosis and treatment of common complicated and uncomplicated acute episodic and chronic health problems of adults, pregnant women, and children. Students will have opportunities to obtain advanced knowledge and clinical skill in performing common diagnostic and therapeutic procedures related to the role of the nurse practitioner. (The practicum is 150 clinical hours) **P: NUR 683 and 696; CO: NUR 714 and 717; P or CO: NUR 685.**

NUR 716 Practicum II: Adult and Older Adult Nurse Practitioner (2) S

NUR 716 is designed to allow students to develop their role as adult and older adult nurse practitioners by providing health care services to adults and older adults in primary care settings. The emphasis of the course is on further developing clinical assessment and diagnostic reasoning skills and on diagnosing and treating common and uncomplicated acute episodic and chronic health problems of adults who present and are treated predominantly in primary care settings. Students will have opportunities to obtain advanced knowledge and clinical skill in performing common diagnostic and therapeutic procedures related to the role of the nurse practitioner. Practicum equals 150 clinical hours. **P: NUR 695; CO: NUR 714; P or CO: NUR 685.**

NUR 718 Advanced Adult/Gerontological Population Acute Care Nursing I (4) S

NUR 718 provides a theoretical base for Adult Acute Care Nurse Practitioner and Adult Clinical Nurse Specialist students to diagnose and manage health problems of adults and older adults in a variety of settings including primary, acute, and critical care. Content includes management strategies from the domains of nursing, medical, and pharmacology and emphasizes direct care to patients with health problems in selected organ systems. Students will have opportunities to obtain advanced knowledge and clinical skill in performing common diagnostic and therapeutic procedures related to the role of the nurse practitioner. **P: NUR 687, 694, and 697; CO: NUR 719 or 726.**

NUR 719 Practicum II: Adult/Gerontological Population Acute Care Nurse Practitioner (2) S

NUR 719 focuses on the development of the adult-gerontological population role by providing health care services to adults and older adults in primary and acute care settings. The course emphasizes clinical assessment and diagnostic and reasoning skills, and the treatment of common diseases in young, middle age, and older adults, and their families in primary and acute care settings. Students will have opportunities to obtain advanced knowledge and clinical skill in performing common diagnostic and therapeutic procedures related to the role of the nurse practitioner. Practicum equals 150 clinical hours. **P: NUR 683 and 697; CO: NUR 718; P or CO: NUR 685.**

NUR 720 Primary Care of Adults/Gerontological Population II (3) I

NUR 720 is designed to provide a theoretical and practical base for students to diagnose and manage more complicated acute episodic and chronic health problems of adults across the lifespan that present predominantly in primary care settings. Content includes management strategies from the domains of nursing, medical, and pharmacological therapeutics, and emphasizes direct care to patients with health problems in selected body systems. The student is expected to apply the concepts and theories discussed in class to the care of adult patients across the lifespan in concurrent and subsequent clinical practicum courses. **P: NUR 714, 715, or 716; CO: NUR 723 or 724.**

NUR 756 Health Promotion and Disease Prevention in the Gerontological Population (2) II

NUR 756 prepares the student to utilize health promotion and health protection principles in the delivery of care to the older adult and their families, and caregivers. Demographic trends and stereotypes, as well as biological and

psychological theories of aging are explored. Quality of life issues through the utilization of health promotion strategies are a focus combined with prevention strategies for age specific diseases and syndromes. Cultural, ethnic, spiritual, and age sensitive issues are addressed. Collaborative strategies to improve outcomes using evidence-based protocols with multi-disciplinary personnel are emphasized. **CO: NUR 694.**

NUR 724 Practicum III: Adult/Gerontological Nurse Practitioner (2) I
(description remains unchanged)

NUR 725 Residency: Adult/Gerontological Population Nurse Practitioner (4) II

NUR 725 is the final preceptor-supervised practicum course in the Master's degree Program in which students are immersed in the advanced practice nursing role. Students will develop competency in diagnosing and treating a full range of common acute and chronic health problems of adults across the lifespan who present and are treated predominantly in primary care settings. Practicum equals 300 clinical hours. **P: Successful completion of all required research and theory core, leadership and policy core, role support core and specialty and core courses.**

NUR 746 Advanced Adult/Gerontological Population Acute Care II (4) I

NUR 746 provides a theoretical and practical base for Adult-Gerontological Population Nurse Practitioner and Clinical Nurse Specialist students to diagnose and manage health problems of adults and older adults in a variety of settings including primary, acute, and critical care. Content includes management strategies from the domains of nursing, medicine, and pharmacology, and emphasizes direct care to patients with health problems in selected organ systems. Building on prior knowledge, skills, and attitudes, students are expected to apply the concepts and theories discussed in class to the care of adults and older adults. **P: NUR 718 and 719; CO: NUR 749.**

NUR 747 Advanced Adult/Gerontological Population Acute Care III (2) II

NUR 747 provides a theoretical and practical base for Adult-Gerontological Population Nurse Practitioner and Clinical Nurse Specialist students to diagnose and manage health problems of adults and older adults in a variety of settings including primary, acute, and critical care. Content includes management strategies from the domains of nursing, medicine, and pharmacology, and emphasizes direct care to patients with health problems in selected organ systems. Building on prior knowledge, skills, and attitudes, students are expected to apply the concepts and theories discussed in class to the care of adults and older adults. **P: NUR 746; NUR 749 or 728; CO: NUR 759 or 872.**

NUR 749 Practicum III: Adult/Gerontological Population Acute Care Nurse Practitioner (2) I

NUR 749 focuses on the development of the adult acute care practitioner role by providing health care services of adults across the lifespan in acute care settings. The course emphasizes clinical assessment and diagnostic and reasoning skills, and the treatment of common diseases in young, middle age and older adults and their families in acute care settings. Practicum equals 150 clinical hours. **P: NUR 718 and 719; CO: NUR 746 and 686.**

NUR 750 Residency: Advanced Adult/Gerontological Population Acute Care Nurse Practitioner (4) II

NUR 750 is the final preceptor supervised practicum course for students in the master's degree program in which they are immersed in their advanced practice nursing role. Emphasis of the course is on developing competence in diagnosing and treating a full range of common acute and chronic health problems of young, middle age, and older adults who present and are treated predominantly in acute and critical care settings. The practicum equals 300 clinical hours. **P: Successful completion of all required research and theory core, leadership and policy core, role support core and specialty and core courses; CO: NUR 747.**

NUR 759 Practicum IV: Advanced Adult/Gerontological Population Acute Care nurse Practitioner (2) II

NUR 759 focuses on the development of the adult/gerontological population nurse practitioner role by providing health care services to adults and older adults in acute care settings. The course emphasizes the diagnosis and treatment of a full range of common acute and chronic health problems of young, middle age, and older adults and their families in acute and critical care settings. Practicum equals 150 clinical hours. **P: NUR 746 and 749; CO: NUR 747.**

NUR 760 Practicum IV: Adult/Gerontological Nurse Practitioner
(description remains unchanged)

NUR 866 Practicum V: Advanced Adult/Gerontological Population Acute Care Nurse Practitioner (2) S

NUR 866 focuses on the development of the adult-gerontological population acute care nurse practitioner role at the doctoral level role by providing health care services to adults and older adults in acute care settings. The course emphasizes the diagnosis and treatment of a full range of common acute and chronic health problems of young, middle age, and older adults and their families in acute and critical care settings. Students apply principles of epidemiology and concepts and theories related to health care policy and law within the health care setting and the professional. Practicum equals 150 clinical hours **P: Selected NDR courses; NUR 684, 704, 759, and 899 (1); CO: NUR 899 (2).**

NUR 867 Practicum VI: Advanced Adult/Gerontological Population Acute Care Nurse Practitioner (2) I

NUR 867 focuses on the development of the adult-gerontological population acute care nurse practitioner role at the doctoral level role by providing health care services to adults and older adults in acute care settings. The course emphasizes the diagnosis and treatment of a full range of common acute and chronic health problems of young, middle age, and older adults and their families in acute and critical care settings. Students apply principles of epidemiology and concepts and theories related to health care policy and law within the health care setting and the profession. Practicum equals 150 clinical hours. **P: NUR 866 and 899(2); CO: NUR 899(3); P or CO: Selected NDR courses.**

NUR 870 Practicum V: Adult/Gerontological Nurse Practitioner

(description remains unchanged)

NUR 871 Practicum VI: Adult/Gerontological Nurse Practitioner

(description remains unchanged)

NUR 890 Residency: Advanced Adult/Gerontological Population Acute Care Nurse Practitioner (5) I, II, S

NUR 890 is the role immersion course for students in the Doctor of Nursing Practice Program. Students engage in the role of the advanced practice nurse consistent with competencies of adult-gerontological population acute care nurse practitioner and the essential competencies of doctoral education for advanced nursing practice. Students are expected to apply the concepts and theories learned in the previous didactic and practicum courses while caring for adults and older adults. Students complete the process of implementing, evaluating, and disseminating evidence based quality improvement projects and specify implications for practice, research, policy, and education. Practicum equals 375 clinical hours. **P: Successful completion of all required research and theory core, leadership and policy core, role support core and specialty and core courses.**

NUR 892 Residency: Adult/Gerontological Nurse Practitioner

(description remains unchanged)

Delete Courses: NUR 646, 651, 653, 654, 676, 677, 693, 757

Pharmacology:

New Courses:

IDC 662 Introduction to Neurobiology (3)

This course covers anatomical, physiological, cellular, molecular, biochemical, developmental, and comparative aspects of neurobiology. Invertebrate and vertebrate model systems are presented to illustrate how the nervous system controls behavior. The communication of prevailing theories, concepts, ideas, and experimentation in verbal and written form is also an integral component of this course. **P: Graduate standing and IC.**

IDC 792 Hot Topics in Neurobiology (1)

This course covers in-depth reading and discussions on current research topics of interest to faculty and students in neuroscience. Students will learn to critically review current scientific papers. Students will be expected to select, read, present and lead individual discussions of scientific articles covering prevailing theories, concepts, ideas, and experimental techniques in neuroscience. The course is repeatable. **P: Graduate standing and IC.**

Pharmaceutical Sciences:

New Course:

MPS 634 Pharmaceutical Dosage Forms and Drug Delivery Systems (3)

Basic principles of pharmaceutical dosage forms and drug delivery systems are taught with respect to formulating drugs for bioavailability enhancement and drug targeting. Pertinent pharmaceutical examples that are discussed include: Oral, parenteral, transdermal, aerosol, etc., with emphasis placed on their importance, formulation considerations and ongoing research.

Public Health:

Change of Requirements:

MHE 606 Theories of Justice replaces the MHE 604/MPH 632 requirement

Delete Courses: MPH 630, 631

Security Analysis & Portfolio Management:

Correction of Credit Hours: MSA 766 (1-3)