

# Addendum II

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### Medicine (MD)

#### Program Degree Plan

##### Phase I\*

##### Year 1 (75.5QH)

MCBA 500 Clinical Anatomy (8.5QH)

MCMS 500 Clinical Foundations of Medicine (6QH)

MCMS 505 Infection, Immunology, & Hematology (9.5QH)

MCMS 510 Scientific Foundations of Medicine (10.5QH)

MCMS 515 Gastroenterology (8QH)

MCMS 520 Skin (3.5QH)

MCMS 525 Cardiovascular, Pulmonary, & Renal (15QH)

MCUR 502 Essentials of Clinical Reasoning I (7.5QH)

MEDX 529 Foundations for Interprofessional Practice (2QH)

MMTD 509 Clinical Epidemiology (1.5QH)

MMTD 510 Bioethics (2QH)

MOSA 510 Principles of Professionalism, Health Care, and Health Equity I (1.5QH)

##### Year 2 (56.5QH)

MCMS 600 Musculoskeletal (4QH)

MCMS 605 Neurobehavioral Health (19.5QH)

MCMS 610 Endocrine & Reproductive (13QH)

MCMS 615 Multisystem (6.5QH)

MCUR 602 Essentials of Clinical Reasoning II (5.5QH)

MCCR 606 Clinical Skills (2QH)

MMTD 601 Patient Safety (2QH)

MOSA 610 Principles of Professionalism, Health Care, and Health Equity II (1QH)

Electives (3QH)

\*The required courses in the Phase I degree plan are designed for concurrent enrollment within an integrated and sequenced curriculum for Years 1 and 2 of the program of study.

## Phase II

### **Year 3 (73QH)**

MFPM 701 Family Medicine/Primary Care Clerkship (9QH)

MMED 700 Internal Medicine Clerkship (12QH)

MNEU 700 Neurology Clerkship (6QH)

MOBG 700 Obstetrics/Gynecology Clerkship (9QH)

MOSA 710 Principles of Professionalism, Health Care, and Health Equity III (1QH)

MPED 700 Pediatrics Clerkship (9QH)

MPSY 700 Psychiatry Clerkship (9QH)

MSUR 700 Surgery Clerkship (12QH)

Electives (6QH)

## Phase III

### **Year 4 (54.5QH)**

MCCR 898 Transition to Internship (1QH)

MOSA 810 Principles of Professionalism, Health Care, and Health Equity IV (1QH)

MPRO 820 Professional Development (1.5QH)

Take one of the following Sub-Internships (6QH):

MEMG 800 Emergency Medicine Sub-Internship

MFPM 805 Family Medicine Sub-Internship

MMED 800 Internal Medicine Sub-Internship

MNEU 800 Neurology Sub-Internship

MPED 805 Pediatrics Sub-Internship

MPSY 800 Psychiatry Sub-Internship

MSUR 801 Surgery Sub-Internship

30 weeks Electives (45QH):

12 weeks minimum intramural CMS electives

20 weeks minimum clinical electives

4 weeks minimum in any three of the following specialty groups\*:

1) Critical Care (MCCM), Emergency Medicine (MEMG)

2) Internal Medicine (MMDC), Pediatrics (MPED/MPDS)

3) Otolaryngology (MENT), Neurosurgery (MNSR), Obstetrics and Gynecology (MOBG), Ophthalmology (MOPH), Orthopedic Surgery (MORT), Plastic Surgery (MPLA), Surgery (MSUR), Thoracic Surgery (MTHR), Urology (MURO), Vascular Surgery (MVAS)

4) Family Medicine (MFPM), Neurology (MNEU), Psychiatry (MPSY), Radiology (MRAD)

5) Anesthesiology (MANE), Dermatology (MDER), Pathology (MPH), Physical Medicine and Rehabilitation (MPMR), Radiation Oncology (MRON)

\*Elective specialty group classification and categorization are managed by the CMS Office of Medical Education and are subject to change.

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## Psychology (PhD)

### Program Degree Plan

#### Core Courses (70.5QH)

HPSC 507 Assessment and Theory I: Personality and Emotion (4QH)  
HPSC 510 Psychological Statistics I (5QH)  
HPSC 511 Psychological Statistics II (4QH)  
HPSC 515 Experimental Design and Program Evaluation (4QH)  
HPSC 520 Descriptive Psychopathology (4.5QH)  
HPSC 521 Theoretical Psychopathology (3QH)  
HPSC 541 History and Systems (2QH)  
HPSC 560 Cognition and Cognitive Assessment (4QH)  
HPSC 575 Social Psychology (3QH)  
HPSC 576 Essentials of Physiological Psychology and Behavioral Neuroscience (3QH)  
HPSC 577 Socio and Cultural Basis of Behavior (4.5QH)  
HPSC 669 Theories of Counseling and Psychotherapy (4.5QH)  
HPSC 690 Cognitive and Behavioral Interventions (5QH)  
HPSC 750 Advanced Physiological Research Seminar (1QH)  
HPSC 751 Health Psychology: Cognitive, Affective, & Physiological Bases for Behavior (4QH)  
HPSC 754 Lifespan Developmental Psychology (4.5QH)  
HPSC 757 Ethical Issues and Professional Standards in Clinical Psychology (4.5QH)  
HPSC 784 Professional Seminar in Clinical Fundamentals (4QH)  
HPSX 529 Foundations for Interprofessional Practice (2QH)

#### Concentration Courses (10QH)

##### *Neuropsychology concentration:*

HPSC 567 Neuropsychological Assessment (4QH)  
HPSC 574 Neuropsychological Models of Cognition and Emotion (3QH)  
Electives (3QH)

##### *Health Psychology concentration:*

HPSC 573 Health Psychology: Psychological Comorbidities of Physical Illness (4QH)  
Electives (6QH)

##### *Psychopathology concentration:*

Electives (10QH)

#### Practica (146QH)

HPSC 611 Clinical Practicum Supervision (2QH) – Year 2  
HPSC 800 Clinical Practicum (36QH)

HPSC 810 Clinical Practicum Supervision (3QH) – Year 4  
HPSC 850 Research Practicum (21QH)  
HPSC 890 Dissertation Research (36QH)  
HPSC 891 Internship (48QH)

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### Psychology: Clinical Psychology (MS)

#### Program Degree Plan

##### Core Courses

HPSC 507 Assessment and Theory I: Personality and Emotion (4QH)  
HPSC 510 Psychological Statistics I (5QH)  
HPSC 511 Psychological Statistics II (4QH)  
HPSC 515 Experimental Design and Program Evaluation (4QH)  
HPSC 520 Descriptive Psychopathology (4.5QH)  
HPSC 560 Cognition and Cognitive Assessment (4QH)  
HPSC 576 Essentials of Physiological Psychology and Behavioral Neuroscience (3QH)  
HPSC 669 Theories of Counseling and Psychotherapy (4.5QH)  
HPSC 690 Cognitive and Behavioral Interventions (5QH)  
HPSC 750 Advanced Physiological Research Seminar (1QH)  
HPSC 754 Lifespan Developmental Psychology (4.5QH)  
HPSC 757 Ethical Issues and Professional Standards in Clinical Psychology (4.5QH)  
HPSC 784 Professional Seminar in Clinical Fundamentals (4QH)  
HPSX 529 Foundations for Interprofessional Practice (2QH)

##### Practica

HPSC 611 Clinical Practicum Supervision (2QH) – Year 2  
HPSC 800 Clinical Practicum (12QH)  
HPSC 850 Research Practicum (12QH)

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### Psychology: Clinical Counseling (MS)

#### Program Degree Plan

##### Core (74.5QH)

HPCC 501 Ethical Issues and Standards for Professional Counselors (4.5QH)  
HPCC 502 Diagnostic Interviewing and Report Writing (4QH)  
HPCC 504 Cognitive and Behavioral Therapy – Child and Adolescent (4QH)

HPCC 600 Substance Abuse Assessment and Treatment (4.5QH)  
HPCC 601 Group Dynamics and Counseling (4.5QH)  
HPCC 602 Career Counseling and Development (4.5QH)  
HPCC 603A Practicum/Internship and Seminar I (5QH)  
HPCC 603B Practicum/Internship and Seminar II (5QH)  
HPCC 604 Introduction to Practicum/Internship for Clinical Counselors (5QH)  
HPCQ 502 Assessment and Theory I: Personality and Emotion (4QH)  
HPCX 529 Foundations for Interprofessional Practice (2QH)  
HPCX 581 Descriptive Psychopathology (4.5QH)  
HPCX 582 Socio and Cultural Foundations of Behavior (4.5QH)  
HPCX 655 Theories of Counseling and Psychotherapy (4.5QH)  
HPCX 656 Cognitive and Behavioral Interventions (5QH)  
HPCX 758 Lifespan Developmental Psychology (4.5QH)  
HPCX 759 Family Systems and Therapy (4.5QH)

***Clinical Service Concentration (16.5QH):***

HPCC 500 Research Methods for Counselors (4.5QH)  
Electives (12QH)

***or Research Concentration (29QH):***

HPCX 543 Psychological Statistics I (5QH)  
HPCX 544 Experimental Design and Program Evaluation I (4QH)  
HPCX 862 Research Practicum (14QH)  
Electives (6QH)

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### **Doctor of Nursing Practice in Nurse Anesthesia (DNP)**

#### **Program Degree Plan**

##### **Year 1 (49QH)**

NDNP 725 Advanced Health Assessment (4QH)  
NDNP 752 Advanced Physiology and Pathophysiology I (5QH)  
NDNP 753 Advanced Pharmacology I (3QH)  
NDNP 754 Advanced Physiology and Pathophysiology II (5QH)  
NDNP 755 Advanced Pharmacology II (3QH)  
NDNP 901 Translational Research I (3QH)  
NDNP 902 Translational Research II (3QH)  
NDNP 910 Health Policy, Economics and Finance (2QH)  
NDNP 911 Professional Dissemination Skills (1QH)  
NDNP 912 Leadership, Quality/Safety and Outcomes Management (2QH)

NNAS 701 Principles of Anesthesia I (6QH)  
NNAS 710 Chemistry and Physics in Anesthesia (2QH)  
NNAS 711 Clinical Correlations I (2QH)  
NNAS 720 Advanced Nurse Anesthesia Pharmacology I (3QH)  
NNAS 763 Clinical Application of Gross Anatomy in Anesthesia (5QH)

**Year 2 (57QH)**

NDNP 906 Doctoral Project Planning I (2QH)  
NDNP 907 Doctoral Project Planning II (3QH)  
NDNP 921 Implementation of the DNP Scholarly Project I (3QH)  
NDNP 922 Implementation of the DNP Scholarly Project II (3QH)  
NNAS 702 Principles of Anesthesia II (6QH)  
NNAS 703 Principles of Anesthesia III (5QH)  
NNAS 712 Clinical Correlations II (2QH)  
NNAS 713 Clinical Correlations III (2QH)  
NNAS 714 Clinical Seminar and Leadership/Professional Role I (1QH)  
NNAS 715 Clinical Seminar and Leadership/Professional Role II (2QH)  
NNAS 721 Advanced Nurse Anesthesia Pharmacology II (2QH)  
NNAS 722 Advanced Nurse Anesthesia Pharmacology III (2QH)  
NNAS 810 Clinical Residency I (12QH)  
NNAS 820 Clinical Residency II (12QH)

**Year 3 (59QH)**

NDNP 924 Implementation of the DNP Scholarly Project III (4QH)  
NDNP 933 Doctoral Project Manuscript Completion (3QH)  
NDNP 934 Doctoral Project Dissemination (3QH)  
NNAS 716 Clinical Seminar and Leadership/Professional Role III (2QH)  
NNAS 717 Clinical Seminar and Leadership/Professional Role IV (2QH)  
NNAS 718 Clinical Seminar and Leadership/Professional Role V (2QH)  
NNAS 719 Clinical Seminar and Leadership/Professional Role VI (2QH)  
NNAS 830 Clinical Residency III (10QH)  
NNAS 840 Clinical Residency IV (12QH)  
NNAS 850 Clinical Residency V (12QH)  
NNAS 860 Clinical Residency VI (11QH)

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## Doctor of Nursing Practice: Psychiatric Mental Health Nurse Practitioner (DNP)

### Program Degree Plans

#### 36-Month (132QH):

##### Year 1 (44QH)

NDNP 725 Advanced Health Assessment (4QH)  
NDNP 752 Advanced Physiology and Pathophysiology I (5QH)  
NDNP 753 Advanced Pharmacology I (3QH)  
NDNP 754 Advanced Physiology and Pathophysiology II (5QH)  
NDNP 755 Advanced Pharmacology II (3QH)  
NDNP 901 Translational Research I (3QH)  
NDNP 910 Health Policy, Economics and Finance (2QH)  
NDNP 911 Professional Dissemination Skills (1QH)  
NDNP 912 Leadership, Quality/Safety and Outcomes Management (2QH)  
NPMH 711 Clinical Correlations I (1QH)  
NPMH 775 Neuro Anatomy and Physiology (4QH)  
NPMH 776 Foundations in Assessment of Psychiatric Mental Health (4QH)  
NPMH 777 Psychopharmacology I for the PMHNP (2QH)  
NPMH 778 Psychotherapy I: A Review of Psychotherapies (3QH)  
NPMH 914 Ethics and Legal Realities of Practice (2QH)

##### Year 2 (40QH)

NDNP 902 Translational Research II (3QH)  
NDNP 906 Doctoral Project Planning I (2QH)  
NDNP 907 Doctoral Project Planning II (3QH)  
NDNP 921 Implementation of the DNP Scholarly Project I (3QH)  
NPMH 712 Clinical Correlations II (1QH)  
NPMH 779 Foundations in the Diagnosis of Neuropsychiatric Disorders (5QH)  
NPMH 780 Psychopharmacology II for the PMHNP (2QH)  
NPMH 781 Psychotherapy II: Use of Psychotherapies for Treatment of Disorders (2QH)  
NPMH 782 Assessment, Diagnosis, Management of Child and Adolescent Mental Health (4QH)  
NPMH 783 Assessment, Diagnosis, Management of Addictive Disorders (3QH)  
NPMH 784 Delivering Community Mental Health Services to the Vulnerable and Underserved (3QH)  
NPMH 810 Clinical Residency I (9QH)

##### Year 3 (48QH)

NDNP 922 Implementation of the DNP Scholarly Project II (3QH)

NDNP 924 Implementation of the DNP Scholarly Project III (3QH)  
NDNP 933 Doctoral Project Manuscript Completion (2QH)  
NDNP 934 Doctoral Project Dissemination (1QH)  
NPMH 820 Clinical Residency II (9QH)  
NPMH 830 Clinical Residency III (10QH)  
NPMH 840 Clinical Residency IV (10QH)  
NPMH 850 Clinical Fellowship V (10QH)

**48-Month (131QH):**

**Year 1 (17QH)**

NDNP 725 Advanced Health Assessment (4QH)  
NDNP 752 Advanced Physiology and Pathophysiology I (5QH)  
NDNP 754 Advanced Physiology and Pathophysiology II (5QH)  
NDNP 911 Professional Dissemination Skills (1QH)  
NDNP 912 Leadership, Quality/Safety and Outcomes Management (2QH)

**Year 2 (23QH)**

NDNP 753 Advanced Pharmacology for Advanced Practice Nursing (3QH)  
NDNP 901 Applied Statistics and Research Methods for Evidence-Based Practice (3QH)  
NDNP 903 Synthesizing Evidence to Inform Practice (2QH)  
NDNP 906 Doctoral Project Planning I (2QH)  
NDNP 910 Health Policy, Economics and Finance (2QH)  
NPMH 774 Foundations in Psychiatric Mental Health Nursing (4QH)  
NPMH 775 Neuro Anatomy, Physiology and Behavior (4QH)  
NPMH 784 Special Populations for Mental Health Disorders I (3QH)

**Year 3 (43QH)**

NDNP 907 Doctoral Project Planning II (3QH)  
NDNP 921 Implementation of the DNP Scholarly Project I (3QH)  
NPMH 711 Clinical Correlations I (1QH)  
NPMH 712 Clinical Correlations II (1QH)  
NPMH 776 Diagnosis and Management of Mental Health Disorders I (4QH)  
NPMH 779 Diagnosis and Management of Mental Health Disorders II (5QH)  
NPMH 783 Assessment, Diagnosis, Management of Addictive Disorders (3QH)  
NPMH 785 Psychopharmacology for Mental Health Disorders I (3QH)  
NPMH 786 Psychopharmacology for Mental Health Disorders II (3QH)  
NPMH 787 Psychotherapy for Mental Health Disorders (4QH)  
NPMH 788 Special Populations for Mental Health Disorders II (4QH)  
NPMH 810 Clinical Residency I (9QH)

**Year 4 (48QH)**

NDNP 922 Implementation of the DNP Scholarly Project II (3QH)  
NDNP 924 Implementation of the DNP Scholarly Project III (3QH)



NDNP 933 Doctoral Project Manuscript Completion (2QH)  
NDNP 934 Doctoral Project Dissemination (1QH)  
NPMH 820 Clinical Residency II (9QH)  
NPMH 830 Clinical Residency III (10QH)  
NPMH 840 Clinical Residency IV (10QH)  
NPMH 850 Clinical Fellowship V (10QH)

## Course Descriptions

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#### **HPCC 504 Cognitive and Behavioral Therapy – Child and Adolescent (4 QH)**

This course will emphasize the use of empirically supported therapeutic methodologies to facilitate behavior change for a variety of clinical problems in children and adolescents. The application of different learning principles and specific techniques of therapeutic change will be covered including parent-training interventions. The student will learn to solve problems encountered in practical application of cognitive and behavioral techniques. Emphasis will be placed on methods and procedures effective in the elimination of inappropriate behaviors and the acquisition and maintenance of appropriate behaviors.

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#### **HPCC 604 Introduction to Practicum/Internship for Clinical Counselors (5 QH)**

This course is designed to facilitate mastery of the clinical counseling activities in which students will engage while attending their approved practicum training sites. Students will be provided a space to synthesize and apply the knowledge and skills gained in the program. Students will continue to expand their skills by experiencing direct and specific feedback from peers and the instructor. This course is intended to prepare students for the HPCC 603 Practicum/Internship Seminar series.

**HPCQ 502** *same as HPSC 507*

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**HPCX 780** *same as YELP 708*

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#### **HPSC 507 Assessment and Theory I: Personality and Emotion (4 QH)**

This course encompasses the theory and application of objective psychological tests for the assessment of emotion, personality and personality development. An introduction to assessment psychometrics (e.g., reliability, validity, test theory) is provided. Seminal theories of personality and emotion theory are discussed, in addition to the practical application of commonly used personality and emotion assessments (e.g., MMPI, BDI...)

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### **HPSC 611 Clinical Practicum Supervision (2 QH)**

Students will meet twice a month for one hour with their training year peers and the Director of Clinical Training. During these meetings, students will discuss their clinical practicum experiences and learn from each other via discussion and presentations. Additional content will be covered through lectures and discussion led by the DCT. These content topics will be used to pay particular attention to helping students develop conceptualization, case formulation and treatment skills in order to enhance their clinical growth. Students will also contribute to content topics as they present issues from their practicum site that require clarification or that present difficulty.

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**HPSQ 500** *same as HPCC 504*

**HPSX 780** *same as YELP 708*

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### **MCSC 802 Outpatient Private Practice (1.5-6 QH)**

This elective provides students the opportunity to experience outpatient private practice medicine. Students will refine their skills in history taking, physical diagnosis, assessment, and management within a particular specialty and from the perspective of a private practice provider in the outpatient setting.

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### **MPRO 820 M4 Professional Development (1.5 QH)**

This career development course prepares students for the upcoming residency match cycle. At the conclusion of this course, students will be able to demonstrate the knowledge, skills, and behaviors required for the residency application process.

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### **NDNP 753 Advanced Pharmacology for Advanced Practice Nursing (3 QH)**

With content integrated with that of NDNP 752, this course provides a comprehensive review of the pharmacology agents commonly used to treat human disease.

### **NDNP 901 Applied Statistics and Research Methods for Evidence-Based Practice (3 QH)**

This course will provide students with a foundational understanding of commonly used statistical tests, their interpretation, and their use in published research studies. Content will include

descriptive and inferential statistics reported in current literature, including both parametric and nonparametric tests. The course will also discuss the role of meta-analysis in informing practice. Students will discuss quantitative and qualitative research designs, sampling, measurement, data collection strategies, statistical analysis, and threats to internal and external validity. Students will apply these concepts to critically evaluate primary research as an important step in the translation of evidence to practice.

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### **NDNP 903 Synthesizing Evidence to Inform Practice (2 QH)**

Building upon the content provided in NDNP 901, this course examines the process of developing a clinical research (PICO) question, the steps to find relevant evidence through systematic database searching, and the synthesis of that evidence to inform practice. Students perform critical appraisal of published studies using validated tools to evaluate their methodological quality and applicability to the clinical question. The role of clinical practice guidelines will be explored. Utilizing a combination of recorded lectures, live synchronous sessions, writing assignments and live presentations, students will utilize a systematic approach to address a clinical question and inform evidence-based practice.

### **NDNP 906 Doctoral Project Planning I (2 QH)**

This introductory course focuses on the beginning planning stages of undertaking a doctoral project. Guided by course faculty, students will develop a research question, or problem statement, that demonstrates significance in the field of interest. Students will determine which project type best suits their research focus: Generation of new evidence, evidence synthesis through integrated review or systematic review, or implementation of evidence-based practice (EBP). Students will search the literature for evidence to support the project and develop a Doctoral Project Prospectus. A thorough literature review will be required to demonstrate feasibility and meaningfulness of the project.

### **NDNP 907 Doctoral Project Planning II (3 QH)**

A continuation of NDNP 906, students will undertake key activities to complete a comprehensive Doctoral Project Proposal. Depending on the project type (generation of new evidence, evidence synthesis, or evidence implementation), students will complete a needs assessment, SWOT analysis, identify a model to support evidence translation, identify necessary resources, plan for change management, and determine methods for project evaluation. Students will be assigned a doctoral project advisor during this quarter and will require course director and advisor approval of the project proposal. Students will begin the institutional and university IRB or Quality Improvement processes, if necessary for their project.

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### **NDNP 921 Implementation of the DNP Scholarly Project I (3 QH)**

This course series focuses on specific aspects of the implementation of the doctoral project. Guided by faculty and their Doctoral Project Advisor, students undertake key activities outlined in their project proposal. Activities may include (depending on project type): a systematic

literature review, data collection, and stakeholder engagement. The student will complete these steps during the practicum to demonstrate leadership/management, education in health care, and professional advocacy. Students will complete the initial sections of the project manuscript, including background and significance, problem, EBP model, and methods.

#### **NDNP 922 Implementation of the DNP Scholarly Project II (3 QH)**

A continuation of NDNP 921, students will proceed with implementation of their doctoral project proposal. Activities may include (depending on project type): development of a data extraction matrix or evidence table, contextual implementation steps, and ongoing data collection related to baseline and post-implementation outcomes for translational research. Students will also continue to draft the doctoral manuscript.

#### **NDNP 924 Implementation of the DNP Scholarly Project III (3 QH)**

A continuation of NDNP 922, students will complete the implementation of their doctoral project and begin writing their final manuscript. Activities include finalizing implementation steps at the local level and synthesis of evidence into a polished draft of a manuscript, including the results, translation to practice, and conclusion sections. Students completing synthesis work will include a plan for project implementation and evaluation.

#### **NDNP 933 Doctoral Project Manuscript Completion (2 QH)**

The doctoral program culminates with the completion of a scholarly work that demonstrates the ability to critically evaluate research and translate findings into practice. This is an opportunity for the student to prepare a substantial final written work product that reflects the breadth of skills and knowledge the student has gained throughout the program of study. The Doctoral Project Guide for DNP students provides specific information regarding the outline and rubric, as well as key deadlines associated with each project item.

#### **NDNP 934 Doctoral Project Dissemination (1 QH)**

A continuation of NDNP 933, this course builds upon the final doctoral manuscript by guiding the student through dissemination of their findings. Dissemination of the results of the doctoral project will be accomplished by producing a professional slide presentation with voiceover narration and academic poster of the doctoral project. Students will apply to present their work at a university event, such as the All School Research Consortium (ASRC) or similar outlet. All students will disseminate their work through publication on the College of Nursing Research site. The Doctoral Project Guide for DNP students provides information regarding the dissemination requirements, as well as key deadlines associated with each project item.

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#### **NPMH 774 Foundations in Psychiatric Mental Health Nursing (4 QH)**

This course introduces foundational theoretical frameworks and competencies to provide scaffolding for the psychiatric assessment/interview process. Students will analyze the social determinants of health and risks for violence that impact mental health care and the legal and ethical guidelines that frame mental health nursing care. The culmination of these activities is designed to foster critical thinking and help students develop a broader view of mental health disorder formulation.

**NPMH 775 Neuro Anatomy, Physiology and Behavior (4 QH)**

This course will cover fundamental competencies of neuroanatomy, neurophysiology, and neurochemistry of brain systems, as well as an overview of basic brain-behavior principles as they apply to current models of risk, genetics, cognitive processes, and human behavior.

**NPMH 776 Diagnosis and Management of Mental Health Disorders I (4 QH)**

This course is the first of two courses that present an in-depth analysis of the DSM and ICD diagnostic criteria for major categories of psychopathology across the lifespan. The student will develop the competencies to analyze assessment data and create and differentiate DSM diagnoses critically.

**NPMH 779 Diagnosis and Management of Mental Health Disorders II (5 QH)**

This course is the second of two courses that present an in-depth analysis of the DSM and ICD diagnostic criteria for major categories of psychopathology across the lifespan. The student will develop the competencies to analyze assessment data and critically create and differentiate DSM diagnoses critically.

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**NPMH 784 Special Populations for Mental Health Disorders I (3 QH)**

This course allows students to explore the competencies of community-based psychiatric/mental health nursing care strategies in serving vulnerable and underserved populations in the United States across the lifespan. Particular attention will be paid to exploring social determinants of health, common barriers to adequate healthcare, and risk stratification. Emphasis will also be placed on the constructions, meaning, and experiences of difference to prepare students to function as culturally responsive and ethical PMHNPs across the lifespan.

**NPMH 785 Psychopharmacology for Mental Health Disorders I (3 QH)**

This course is the first of two courses that focus on the principles and practice of psychopharmacotherapy of the major psychiatric disorders across the lifespan. Students will develop competencies in pharmacokinetics, pharmacodynamics, and mechanisms of action of the commonly used drugs to treat psychiatric disorders across the lifespan.

**NPMH 786 Psychopharmacology for Mental Health Disorders II (3 QH)**

This course is the second of two courses that focus on the principles and practice of psychopharmacotherapy of the major psychiatric disorders across the lifespan. Students will develop competencies in pharmacokinetics, pharmacodynamics, and mechanisms of action of the commonly used drugs to treat psychiatric disorders across the lifespan.

**NPMH 787 Psychotherapy for Mental Health Disorders (4 QH)**

This course provides an overview of major concepts, theories, and research related to psychotherapeutic treatments for mental disorders across the lifespan. Integration of psychotherapeutic and treatment planning and applying evidence-based brief psychotherapies for treating particular disorders, symptoms, and issues will be examined. Upon completing this course, the student will develop competencies in two psychotherapeutic modalities, one of which will be a cognitive-based therapy approach.

**NPMH 788 Special Populations for Mental Health Disorders II (4 QH)**

This course allows students to explore the competencies of the management of mental health disorders in populations across the lifespan, inclusive of children, adolescents, women's health, and older populations. Particular attention will be paid to assessment strategies, common barriers to adequate healthcare, and risk stratification. Emphasis will also be placed on the constructions, meaning, and experiences of difference to prepare students to function as culturally responsive and ethical PMHNPs.