

# Addendum I

Effective Date May 30, 2023

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### Late Fees and Academic Restrictions

The due date for all student charges is the Thursday in the first week of each term. Students who do not pay their balance in full by this date will be charged a 1.5% interest penalty on the value of their outstanding balance.

It is the student's responsibility to check their account status via Student Self-Service and notify the Office of Student Services of any discrepancies, unposted Financial Aid, or pending third-party payments.

Any accounts with an outstanding balance 7 days after the term due date will have a Financial Hold placed on their account and will be subject to academic sanctions, which will include the following:

- A financial hold which will prevent registration in future terms unless satisfactory arrangements have been made with the Office of Student Finance.
- University documents relating to academic performance, diplomas and certificates will be withheld.
- A graduation hold will be placed.

Any accounts that continue to have an outstanding balance 14 days from the Term Due Date may be subject to the following:

- Having their enrollment reversed for the term.
- Access to coursework and all other educational and university systems will be blocked.
- A graduation hold will be placed.
- Graduation hold.

Notification of financial holds and enrollment reversals will be reported to the student's department or program.

The Office of Student Financial Services will not impose any penalty or restriction if the student is engaged in good faith discussions and active with resolving the account balance.

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### Late Registration Fee Policy

In order to give proper and timely notification of student billing, students must register 4 weeks prior to the start of every quarter. This registration deadline is defined on the academic calendar.

For on campus programs, students must register for a single class to be appropriately billed. For online programs, students must register for all classes to be appropriately billed as they are billed by credit hour. If a student has not registered by the registration deadline, they will be charged a late registration fee of \$100.00. This fee will be imposed each quarter the student does not meet the registration deadline.

The exceptions are as noted:

- Students on a financial hold
- Students on an immunization hold
- Students on a registration hold
- Students currently on leave of absence
- Students enrolled or planned and approved on, day before, or after the registration deadline
- Students not planned and approved for courses for the upcoming quarter
- Students registering for their first quarter
- Waiver granted and applied by Student Financial Services

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### Doctor of Philosophy in Psychology Program Degree Plan

*course title correction:* HPSC 750 Advanced Physiological Research Seminar (1 QH)

# Page 120-121

## Clinical and Lifestyle Nutrition (MS)

### Admission Requirements

In addition to the university's minimum requirements, applicants must meet the following program requirements:

- **Prior Degree:** Bachelor's degree in nutrition, dietetics or a related field from a regionally-accredited college or university.
- **Prerequisite Courses:** Successful completion of the following specific coursework recorded on the applicant's official bachelor's degree transcript with a grade of C or better or verification of successful completion of an ACEND accredited Didactic Program in Dietetics:
  - Biology
  - Biochemistry
  - Chemistry with Lab
  - Organic Chemistry with Lab
  - Physiology
- For applicants with the requisite science background but without a degree in nutrition or dietetics, the following nutrition courses are required: Human Nutrition, Lifecycle Nutrition, and Clinical Nutrition.
- **Experience:** Professional experience in nutrition, dietetics or related health or science field, or acceptance to an ACEND accredited dietetic internship, is preferred.
- **Grade-Point Average (GPA):** Minimum cumulative grade-point average of 2.75 on a 4.0 point scale in the last two years of undergraduate study.
- Official transcripts from each college, university or community college previously attended must be submitted as part of the online application process
  - Students who have studied outside the U.S. will need to have their transcripts evaluated for U.S. equivalency using a service such as World Education Services ([www.wes.org](http://www.wes.org)) or Educational Credential Evaluators ([www.ece.org](http://www.ece.org)).
- **Tests:**
  - The Graduate Record Examination (GRE) is not required.
  - The Test of English as a Foreign Language (TOEFL) may be required.
    - If the bachelor's degree is earned outside the U.S. and/or U.S. citizenship or permanent residency is not held, demonstrated proof of English proficiency is required via an official TOEFL report that includes a total score and category scores in reading, writing, listening and speaking.
    - Minimum scores for the Internet Based Test (IBT) of 100 or the equivalent is recommended for graduate school with no category score being lower than 22.
    - Test scores must be a test taken within two years of the date from when a complete application is submitted.

- The language test score requirement may be waived if an applicant has demonstrated academic success as a full-time student at a U.S. college or university for at least two consecutive years, or if the applicant is from a country in which English is a primary language.
- **Letters of Recommendation:** One letter of recommendation is required, two preferred, from professionals and/or academicians who know the applicant well (i.e., pre-health advisors/committees, professors or supervisors). Letter writers are encouraged to share their contact information. Letters must include a signature and be on official letterhead.
- **Current Resume or Curriculum Vitae:** A resume or curriculum vitae is required.
- **Personal Statement:** A personal statement is required.
- **Transfer Applicant Policy:** There is no separate transfer application for this program. All students submit an application through the normal process.
- **Non-Degree Applicant Policy:** Non-degree applicants may be admitted to take a limited number of courses with the permission of the department chair.

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### Clinical and Lifestyle Nutrition (MS)

#### Program Degree Plan

##### Core Courses (39QH)

HNUT 504 Evidence Based Decision Making and Health Research (3QH)  
 HNUT 505 Communication Strategies, Methods and Techniques (3QH)  
 HNUT 506 Health Education Teaching Experience (1QH)  
 HNUT 511 Advanced Nutrition and Chronic Diseases (4QH)  
 HNUT 513 Health and Wellness Coaching (3QH)  
 HNUT 526 Evaluating Research and Health Recommendations (4 QH)  
 HNUT 541 Prevention, Health Promotion and Wellness (3QH)  
 HNUT 576 Nutrition and Human Physical Performance (3QH)  
 HNUT 596 Portfolio Evaluation (2QH)  
 HNUX 518 Strategic Planning and Leadership (3QH)  
 HNUX 530 Statistics for Health Professions (4QH)  
 HNUX 593 Chronic Preventable Disease and Introduction to Lifestyle Medicine (3QH)  
 HNUX 696 Culinary Medicine (3QH)

##### Electives (6QH)

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## Lifestyle Medicine (MS)

### Program Degree Plan

#### Core Courses (39QH)

HLSM 500 Chronic Preventable Disease and Introduction to Lifestyle Medicine (3QH)  
HSLM 501 Strategies to Manage Mental and Emotional Health and Avoiding Risky Substances (3QH)  
HLSM 602 Culinary Medicine (4QH)  
HLSX 530 Statistics for Health Professions (4QH)  
HLSX 568 Evidence Based Decision Making and Health Research (3QH)  
HLSX 570 Modern Nutrition (3QH)  
HLSX 572 Health and Wellness Coaching (3QH)  
HLSX 576 Nutrition and Human Physical Performance (3QH)  
HLSX 592 Research Design (4QH)  
HLSM 600 Concepts of Population Health and Personal Health (3QH)  
HLSM 690 Independent Study-Practicum Project (6QH)

#### Electives (6QH)

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## Nutrition Education (MS)

### Admission Requirements

In addition to the university's minimum requirements, applicants must meet the following program requirements:

- **Prior Degree:** Bachelor's degree in nutrition, dietetics or a related field from a regionally-accredited college or university.
- **Prerequisite Courses:** Successful completion of the following specific coursework recorded on the applicant's official bachelor's degree transcript with a grade of C or better or verification of successful completion of an ACEND accredited Didactic Program in Dietetics:
  - Biology
  - Biochemistry
  - Chemistry with Lab
  - Organic Chemistry with Lab
  - Physiology

- For applicants with the requisite science background but without a degree in nutrition or dietetics, the following nutrition courses are required: human nutrition, lifecycle nutrition and clinical nutrition.
- **Experience:** Professional experience in nutrition, dietetics or related health or science field, or acceptance to an ACEND accredited dietetic internship, is preferred.
- **Grade-Point Average (GPA):** Minimum cumulative grade-point average of 2.75 on a 4.0 point scale in the last two years of undergraduate study.
- Official transcripts from each college, university or community college previously attended must be submitted as part of the online application process.
  - Students who have studied outside the U.S. will need to have their transcripts evaluated for U.S. equivalency using a service such as World Education Services ([www.wes.org](http://www.wes.org)) or Educational Credential Evaluators ([www.ece.org](http://www.ece.org))
- **Tests:**
  - The Graduate Record Examination (GRE) is not required.
  - The Test of English as a Foreign Language (TOEFL) may be required.
    - If the bachelor's degree is earned outside the U.S. and/or U.S. citizenship or permanent residency is not held, demonstrated proof of English proficiency is required via an official TOEFL report that includes a total score and category scores in reading, writing, listening and speaking.
    - Minimum scores for the Internet Based Test (IBT) of 100 or the equivalent is recommended for graduate school with no category score being lower than 22.
    - Test scores must be a test taken within two years of the date from when a complete application is submitted.
    - The language test score requirement may be waived if an applicant has demonstrated academic success as a full-time student at a U.S. college or university for at least two consecutive years, or if the applicant is from a country in which English is a primary language.
- **Letters of Recommendation:** One letter of recommendation is required, two preferred, from professionals and/or academicians who know the applicant well (i.e., pre-health advisors/committees, professors or supervisors). Letter writers are encouraged to share their contact information. Letters must include a signature and be on official letterhead.
- **Current Resume or Curriculum Vitae:** A resume or curriculum vitae is required.
- **Personal Statement:** A personal statement is required.
- **Transfer Applicant Policy:** There is no separate transfer application for this program. All students submit an application through the normal process.
- **Non-Degree Applicant Policy:** Non-degree applicants may be admitted to take a limited number of courses with the permission of the department chair.

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## Nutrition Education (MS)

### Program Degree Plan

#### Core Courses (40QH)

HNUT 504 Evidence Based Decision Making and Health Research (3QH)  
HNUT 505 Communication Strategies, Methods and Techniques (3QH)  
HNUT 506 Health Education Teaching Experience (1QH)  
HNUT 511 Advanced Nutrition and Chronic Diseases (4QH)  
HNUT 513 Health and Wellness Coaching (3QH)  
HNUT 526 Evaluating Research and Health Recommendations (4QH)  
HNUT 541 Prevention, Health Promotion and Wellness (3QH)  
HNUT 596 Portfolio Evaluation (2QH)  
HNUT 500 Instructional Design for Health Professions Education (4QH)  
HNUT 518 Strategic Planning and Leadership (3QH)  
HNUT 526 Learning Theories (3QH)  
HNUT 527 Instructional Presentation Skills (3QH)  
HNUT 530 Statistics for Health Professions (4QH)

#### Electives (6QH)

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## Master of Science in Psychology: Clinical Psychology

### Program Degree Plan

*course title correction:* HPSC 750 Advanced Physiological Research Seminar (1 QH)

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## Certificate in Nutrition for Healthcare Professionals

### Admission Requirements

In addition to the university's minimum requirements, applicants must meet the following program requirements:

- **Prior Degree:** Bachelor's degree from a regionally accredited college or university.
- **Grade-Point Average (GPA):** Cumulative minimum grade-point average (GPA) of 2.75 on a 4.0 point scale in the last two years of undergraduate study.
- Work or experience in a related health or science field is recommended but not required.

- **Tests:**
  - The Graduate Record Examination (GRE) is not required.
  - The Test of English as a Foreign Language (TOEFL) may be required.
    - If the bachelor's degree is earned outside the U.S. and/or U.S. citizenship or permanent residency is not held, demonstrated proof of English proficiency is required via an official TOEFL report that includes a total score and category scores in reading, writing, listening and speaking.
    - Minimum scores for the Internet Based Test (IBT) of 100 or the equivalent is recommended for graduate school with no category score being lower than 22.
    - Test scores must be a test taken within two years from the date when a complete application is submitted.
    - The language test score requirement may be waived if an applicant has demonstrated academic success as a full-time student at a U.S. college or university for at least two consecutive years, or if the applicant is from a country in which English is a primary language.
- **Letters of Recommendation:** One letter of recommendation is required, two preferred, from professionals and/or academicians who know the applicant well (i.e., pre-health advisors/committees, professors or supervisors). Letter writers are encouraged to share their contact information. Letters must include a signature and be on official letterhead.
- **Resume or Curriculum Vitae:** This program does require a resume or curriculum vitae.
- **Personal Statement:** This program does require a personal statement.
- **Transfer Applicant Policy:** This program does not accept transfer applicants.
- **Non-Degree Applicant Policy:** This program does not accept non-degree applicants.
- **Prerequisite Courses:** Successful completion of the following specific coursework recorded on the applicant's official bachelor's degree transcript with a grade of C or better:
  - Biology
  - Chemistry
- Completion of the following coursework is highly recommended:
  - Anatomy
  - Physiology
- **Supplemental Application:** This program does not have a supplemental application.
- **Early Decision Programs:** This program does not accept early decision applicants.



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## Doctor of Nursing Practice in Nurse Anesthesia (DNP) Program Degree Plan

### 36-Month, Entry-Level Doctor of Nursing Practice Program of Study (RN BS to DNP)

#### 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 (5 QH)

#### Year 2 (58QH)

NDNP 919 Entry-Level Doctoral Project Planning I (3QH)  
NDNP 920 Entry-Level Doctoral Project Planning II (3QH)  
NDNP 921 Entry-Level Doctoral Immersion Residency I (3QH)  
NDNP 922 Entry-Level Doctoral Immersion Residency 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 (63QH)

NDNP 923 Entry-Level Doctoral Immersion Residency III (4QH)  
NDNP 931 Entry-Level Doctoral Project I (3QH)

NDNP 932 Entry-Level Doctoral Project II (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 (11 QH)

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

#### **Program Degree Plan**

##### **33-Month Regular Schedule:**

##### **Year 1 (35QH)**

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)  
NPMH 775 Neuro Anatomy and Physiology (4QH)  
NPMH 778 Psychotherapy I: A Review of Psychotherapies (3QH)  
NPMH 914 Ethics and Legal Realities of Practice (2QH)

##### **Year 2 (50QH)**

NDNP 902 Translational Research II (3QH)  
NDNP 912 Leadership, Quality/Safety and Outcomes Management (2QH)  
NDNP 919 Entry-Level Doctoral Project Planning I (3QH)  
NDNP 920 Entry-Level Doctoral Project Planning II (3QH)  
NDNP 921 Entry-Level Doctoral Immersion Residency I (3QH)  
NPMH 711 Clinical Correlations I (1QH)  
NPMH 712 Clinical Correlations II (1QH)  
NPMH 776 Foundations in Assessment of Psychiatric Mental Health (4QH)  
NPMH 777 Psychopharmacology I for the PMHNP (2QH)

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 (52QH)**

NDNP 922 Entry-Level Doctoral Immersion Residency II (3QH)  
NDNP 923 Entry-Level Doctoral Immersion Residency III (4QH)  
NDNP 931 Entry-Level Doctoral Project I (3QH)  
NDNP 932 Entry-Level Doctoral Project II (3QH)  
NPMH 820 Clinical Residency II (9QH)  
NPMH 830 Clinical Residency III (10QH)  
NPMH 840 Clinical Residency IV (10QH)  
NPMH 850 Clinical Residency V (10QH)

### **45-Month Decelerated Schedule:**

#### **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 910 Health Policy, Economics and Finance (2QH)  
NDNP 911 Professional Dissemination Skills (1QH)

#### **Year 2 (24QH)**

NDNP 753 Advanced Pharmacology I (3QH)  
NDNP 755 Advanced Pharmacology II (3QH)  
NDNP 901 Translational Research I (3QH)  
NDNP 902 Translational Research II (3QH)  
NDNP 912 Leadership, Quality/Safety and Outcomes Management (2QH)  
NPMH 775 Neuro Anatomy and Physiology (4QH)  
NPMH 776 Foundations in Assessment of Psychiatric Mental Health (4QH)  
NPMH 914 Ethics and Legal Realities of Practice (2QH)

#### **Year 3 (47QH)**

NDNP 919 Entry-Level Doctoral Project Planning I (3QH)  
NDNP 920 Entry-Level Doctoral Project Planning II (3QH)  
NDNP 921 Entry-Level Doctoral Immersion Residency I (3QH)  
NDNP 922 Entry-Level Doctoral Immersion Residency II (3QH)  
NPMH 711 Clinical Correlations I (1QH)  
NPMH 712 Clinical Correlations II (1QH)

NPMH 777 Psychopharmacology I for the PMHNP (2QH)  
NPMH 778 Psychotherapy I: A Review of Psychotherapies (3QH)  
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 4 (49QH)**

NDNP 923 Entry-Level Doctoral Immersion Residency III (4QH)  
NDNP 931 Entry-Level Doctoral Project I (3QH)  
NDNP 932 Entry-Level Doctoral Project II (3QH)  
NPMH 820 Clinical Residency II (9QH)  
NPMH 830 Clinical Residency III (10QH)  
NPMH 840 Clinical Residency IV (10QH)  
NPMH 850 Clinical Residency V (10QH)

## Course Descriptions

### Page 266

#### **GCMP 605A, B & C Pharmacology Core (6 QH)**

This course will introduce students to the basic principles of drug action. The first quarter will cover basic principles of the autonomic drugs and the therapeutic uses, side effects, and interactions of prostaglandins, NSAIDs, and central nervous system agents. The second quarter will continue the study of selected drug categories, including antimicrobials, anti-cancer drugs, general and local anesthetics, cardiac drugs and sedative/hypnotics. The third quarter will continue with drug categories that include endocrine and metabolic modulators and treatment of asthma.

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#### **GIGP 501A & B Molecular Cell Biology I (5 QH)**

In this course, the molecular and cellular processes common to all eukaryotic cells are studied and, where appropriate, comparisons to prokaryotic cells are made. The molecular and cellular processes of specific cell types and tissue types are also considered.

### Page 268

#### **GIGP 512A & B Neuroscience (5 QH)**

This course, which is required for entry into both the Neuroscience and Pharmacology PhD programs, is divided into lecture and laboratory parts. Topics to be covered in the lecture portion include: the neurochemistry of transmitters, receptors and second messenger systems; developmental neurobiology; and the neural systems underlying sensory, motor, affect, memory, language and other high cognitive functions. The laboratory portion is focused on human neuroanatomy, and is taught through a combination of large-group lectures, wet labs and small discussion sessions, employing a mixture of atlases, brain models, cadaver brains and interactive computer programs. Students enrolled in this elective also must enroll in either the spring term Physiology for Neuro-Pharm Research (GIGP 516) or the Systems Physiology (GIGP 506) elective.

#### **GIGP 516A & B Physiology for Neuro-Pharm Research (3 QH)**

The topics reviewed in this course provide a complementary body of knowledge for students pursuing research in biomedical sciences disciplines other than physiology and biophysics. Topics include a basic overview of both general and muscle physiology, the autonomic nervous system and calcium regulation. Select topics integral to general biomedical science study are also reviewed.

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**HHPX 576** *same as HNUT 576*

**HHPX 593** *same as HLSM 500*

## Page 286

### **HLSM 602 Culinary Medicine (4 QH)**

This course is designed to expose health care professionals and students to the fundamentals of cooking in order to both improve personal health and more effectively counsel patients on diet and nutrition. The emphasis of this course is on learning fundamental culinary skills for the basic preparation of healthy and delicious whole foods. Through cooking demonstrations and hands-on practice of foundational culinary skills, students will learn the basics of preparing delicious, healthy food that promotes good nutrition and reduces the risk of chronic diseases. This course is led by instructors who have a passion for cooking and health. All levels of cooking experience are welcome and encouraged (including no experience!) Everyone will eat what they've prepared at the end of each class.

## Page 287

### **HNUT 504 Evidence Based Decision Making and Health Research (3 QH)**

This course introduces students to the skills and techniques needed to become an information-literate individual. Students will have the opportunity to acquire and practice the following: identifying the topic of interest or developing a research question; acquiring knowledge through the efficient use of current technologies, such as online and electronic resources; establishing evaluation criteria for information resources; evaluating and integrating the acquired information to answer the original query/research question, while complying with copyright laws/guidelines and effectively communicating this information, through an appropriate medium, to the target audience in an ethical and legal manner. In addition, students will explore the impact of health literacy on patient care and health outcomes and will acquire the skills needed to assist them in translating information about diseases and their treatments into a language that healthcare consumers can understand.

## Page 289-290

**HNUX 623** *same as HLSM-602*

## Page 297

**HPCX 508** *same as HHCM-515*

**HPCX 514** *same as HHCM-521*

## Page 298

**HPCX 622** *same as HHPE-620*

**HPCX 695** *same as HLSM-600*

## Page 306

**HPSX 508** *same as HHCM-515*

**HPSX 514** *same as HHCM-521*

## Page 307

**HPSX 622** *same as HHPE-620*

**HPSX 695** *same as HLSM-600*

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### **MCUR 614 Foundations of Medical Education (1 QH)**

The Foundations of Medical Education elective course is designed to provide M2 students with an overview of medical education and provide insight into various aspects of academic medicine. Learners will develop essential knowledge and skills in curriculum design, teaching methodology, evaluation and assessment, and educational research.

## Page 337

### **MMED 699 Acute Care Medicine: Physiology at the Bedside (2 QH)**

Students will learn key physiological and pathophysiological concepts for the management of acutely ill patients with an emphasis on respiratory, hemodynamic, cardiovascular, body fluids, acid-base, and resuscitation physiology.

## Page 364

### **NDNP 919 Entry-Level Doctoral Project Planning I (3 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: E-portfolio, faculty supervised research, or a Joanna Briggs Institute (JBI) Systematic Review. 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 of the project.

### **NDNP 920 Entry-Level Doctoral Project Planning II (3 QH)**

A continuation of NDNP 919, students will undertake key activities to complete a comprehensive Doctoral Project Proposal. Depending on the project type (E-portfolio, faculty supervised research, or Joanna Briggs Institute Systematic Review) 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 be expected to create a shared drive for ongoing collaboration on their project. Students will begin the institutional and university IRB processes, if necessary.

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### **YELP 710 Advanced Medical Communication (1 QH)**

This course is designed to improve health profession students' communication of medical and drug information and will introduce students to the major functional areas within pharmaceutical and biopharmaceutical industry (e.g., regulatory, medical affairs and communication, field medical). Students will use active learning exercises to explore popular pharmacotherapeutic treatments and develop verbal and written communications about drug information while utilizing the current AMA Manual of Style: A Guide for Authors and Editors.

## Page 387

### **YPHP 515A & B Introductory Pharmacy Practice Experience I (6 QH)**

The Introductory Pharmacy Practice Experiences (IPPEs) are designed to provide the foundation for the student pharmacists in preparation for their Advanced Pharmacy Practice Experiences (APPEs). This course is a structured introduction to pharmacy practice in a community pharmacy setting. The community IPPE spans the P1 year, during which the students will engage in basic distributive and administrative processes in community pharmacies to gain initial experience interacting directly with patients, preceptors, technicians, other healthcare providers, and pharmacy personnel.