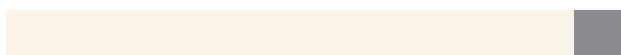


COLLEGE OF NURSING AND HEALTH SCIENCES

Kelly Harden(2007). Dean, Professor of Nursing. A.S.N., Mississippi County Community College;
B.S.N., Excelsior College; M.S.N., University of Missouri /P <</Lang (en-US)/MCID 8472 >>BL

Joy Watkins(2018). Program Coordinator of Graduate Nursing (non-anesthesia). A.S., Jackson State
Community College; B.B.A., University of Memphis.

A list of faculty who teach in graduate programs is available on www.tu.edu/academics/faculty/



scale, defined as Anatomy and Physiology 1 and 2, and Statistics is preferred.

Applicants are required to submit the following:

1. Statement of professional goals to include (limit to 2 pages):

- Why you wish to become a Nurse Practitioner, Nurse Educator, or Nurse Administrator/Leader
- What you plan to do with this degree, including long term goals
- How you have prepared for success in this program

2. Curriculum Vitae

Students will also be dismissed without opportunity for **Financial Assistance** probation if they:

- Receive an “F” (i.e., any grade below a “C”) in any course
- Receive more than two “C”s in any non-track specific courses.

Financial aid information for graduate students is available on our website at www.uu.edu/financialaid. Generally, graduate students may be eligible for Federal Direct student loans or private alternative student loans, depending on the program of study and the eligibility of the borrower. Uth

Students must make a grade of B or higher in all track specific and 700-level courses (excluding pass/fail courses) in order to progress in or graduate from the graduate nursing program. The program faculty recognize that situations may arise which prevent students from successfully matriculating through the program. Students who are concerned about their academic standing should contact their advisor. If it appears the student may not be able to achieve a minimum passing grade in a course they may be encouraged by the appropriate Program Chair to withdraw from the program. This can potentially prevent the student from acquiring an F on their Union University transcript if the dropped class occurs prior to the deadline listed on the academic calendar (“last day to drop a class”). All students who withdraw or who are academically dismissed from the program can reapply for admission. However, readmission is not guaranteed.

Financial Information

Tuition Rates (per credit hour)

All RN to MSN Tracks	
Undergraduate courses.....	\$505
Graduate courses.....	\$665
All BSN to MSN Tracks:	
Graduate courses.....	\$665
Post-Graduate Certificate	
All tracks.....	\$665

Full payment for a term (winter, fall, spring, summer, or other non-regular term) is expected at the time of registration for classes.

Application Fee:.....	\$ 50
General Student Fee:.....	\$.32/credit hr.
Insurance fee per year.....	\$25
Binding of Thesis or Scholarly Project.....	\$45
Clinical Tracking System.....	\$45/yr.
Cap and Gown.....	approx. \$150
Castle Branch Medical Document Manager....	\$35
Castle Branch Drug Screen and Background Check	\$10
NUR 600 Lab Fee.....	\$100
Course Evaluation Annual Fee.....	\$105/yr.
One-time fee for virtual patient (all NP and Education students).....	\$89..
Random Drug Screen.....	\$37.50/yr.

Any combination of the following payment is available.

1. Check, cash, or credit card. The latter is subject to a convenience fee of 2.5%.
2. Federal Direct loan
3. Employer reimbursement
4. FACTS (an electronic monthly draft from a savings or checking account)

Books cost approximately \$150 per course.

All financial information is subject to change without notice.

- B. Advanced Practice Core: BIO 500; NUR 544, 558, 600
(Except Psychiatric Mental Health Track), 622, 650
- C. All students are required to take an elective and may choose
one of the following: NUR 507, 525, 529, 696/697.
- D. Specialty
 - Family: NUR 547, 617, 639
 - Psychiatric Mental Health: NUR 566, 651, 652, 653, 654

11 Submission of Curriculum Vitae

For the RN to DNP and BSN to DNP Nurse Practitioner tracks, a Science GPA of 3.0 on 4.0 scale (Anatomy and Physiology I and II, Statistics) is preferred.

Additional requirements for the CRNA-DNP track include a current unencumbered RN and CRNA license in state of residence and students will be required to have 1,000 clinical hours post BSN degree.

Additional requirements for the RN to BSN or BSN to DNP Nurse Anesthesia tracks include:

1. At least one year of critical care experience as an RN, preferably within the last year
2. Eligible for RN licensure in TN, KY, and MS
3. Science GPA of 3.0 on 4.0 scale; defined as Anatomy and Physiology 1 and 2, and statistics
4. CCRN required
5. Shadowing hours required (minimum 40 hours)
6. Experience as a preceptor and/or charge nurse preferred
7. Leadership within the ICU or place of employment with professional or clinical development projects preferred, such as:
 - Policy development
 - Practice change initiatives
 - Evidence-based practice initiatives
 - Instructor in BLS/ACLS/PALS
8. Students dismissed from a nurse anesthesia or other advanced practice nursing program for academic, clinical or behavioral reasons will not be admitted to Union University's Nurse Anesthesia BSN-DNP track. Students who have been enrolled in another program and withdrew in good standing or are still enrolled in good standing, must have a letter from their director stating that they are in good standing or withdrew when they were in good standing in order to be considered for admission to Union University's Nurse Anesthesia BSN-DNP track.

RN to DNP Without Previously Earned Bachelor's Degree; Nurse Practitioner and Executive Leadership Tracks Only

1. Applicants must complete the following undergraduate courses:
 - Anatomy and Physiology 1 and 2 – 8 hrs.
 - Microbiology – 3 or 4 hrs.
 - Pathophysiology – 3 hrs.
 - Christian Studies – 6 hrs.
 - English Composition 1 and 2 – 6 hrs.
 - Social Science – 9 hrs.
 - Humanities – 9 hrs.
2. When these courses are completed, the applicant will notify the track coordinator no later than December 31 prior to the year they wish to start.
3. The following undergraduate nursing course must be completed with a grade of "B" or above by May 31st of the year the applicant plans be considered for the DNP cohort. The nursing course may be in progress when

the applicant notifies the coordinator of their readiness to be considered for the DNP applicant pool..

- NUR 330 Research

The RN to DNP does not award a BSN or MSN. Acceptance to the RN to DNP program does not guarantee acceptance to any DNP track. Applicants who are not selected to progress to the DNP cohort will be given the opportunity to enter the RN to BSN program.

RN to DNP With Previously Earned Bachelor's Degree in a Field Other than Nursing; Nurse Practitioner, Executive Leadership, and Nurse Anesthesia

1. Applicants must complete or show evidence of completion of the following undergraduate courses:
 - Anatomy and Physiology 1 and 2 – 8 hrs.
 - Microbiology – 3 or 4 hrs.
 - Pathophysiology – 3 hrs.
 - Any undergraduate statistics course – 3 hrs.
2. The above courses must be completed with by December 31st of the year prior to the year the applicant plans to be considered for the DNP cohort. When these are complete, the applicant will notify the track coordinator they wish to be considered for the applicant pool in the next cohort for that track.
3. The following undergraduate nursing course must be completed with a grade of "B" or above by May 31st of the year the applicant plans to be considered the DNP cohort. The nursing course may be in progress when the applicant notifies the coordinator of their readiness to be considered for the DNP applicant pool.
 - NUR 330 Research

The RN to DNP does not award a BSN or MSN. Acceptance to the RN to DNP program does not guarantee acceptance to any DNP track. Applicants who are not selected to progress to the DNP cohort will be given the opportunity to enter the RN to BSN program.

Students entering the BSN to DNP program with a previously earned MSN may be awarded transfer credit above the 9 hours for the following courses upon evaluation of transcript: NUR 515, NUR 533, NUR 559, NUR 544, BIO 500, NUR 622

Students admitted to the program must have and maintain while in the program:

1. Current CPR certification
2. Evidence of Hepatitis B, MMR, and tetanus vaccination (TDaP unless TD within the past 2 years)
3. Proof of 2 Varicella vaccinations or positive antibody titer (If titer is negative, student must repeat the 2 vaccine series.
4. Freedom from tuberculosis as evidenced by a negative PPD or health provider examination
5. Current ACLS and PALS certifications (nurse anesthesia only)
6. Health insurance

Conditional Admission

Applicants who do not meet the regular admission requirements to the DNP program may be admitted conditionally at the discretion of the DNP Graduate Admissions Committee. Conditional admission will require contractual agreement between the applicant and the Graduate Admissions Committee. The contract will specify the conditions and deadlines that must be met to matriculate to the regular DNP program.

Transfer of Credit

Graduate credit for courses earned at a regionally accredited

Financial Assistance

Financial aid information for graduate students is available on our website at www.uu.edu/financial. Generally, graduate students may be eligible for Federal Direct student loans or private alternative student loans, depending on the program of study and the eligibility of the borrower. Union University is also approved by the Department for Veterans Affairs to offer educational benefits to veterans, reservists, and dependents of veterans who qualify for Veterans Benefits. Any person who qualifies for VA Benefits should check with the Office of Student Financial Planning as soon as possible after acceptance into a graduate program.

Employer Tuition Reimbursement

- 1.

Post-Graduate Certificate Program in Nursing Description

The College of Nursing and Health Sciences endeavors to provide curricula that encourage individuals to pursue Christ-centered excellence in their nursing vocation as the future needs of the nursing profession come into view. The certificate program fits with the mission of the University to provide Christ-centered higher education that promotes excellence and character development in service to Church and society.

This program is ideal for nurses who have obtained their master's or doctoral degree in nursing in another area and now find themselves in positions that require advanced preparation in nursing education, nursing administration, nurse practitioner, or nurse anesthetist. For example, if an MSN graduate with a major in nursing administration desired to acquire a certificate in nursing education, that individual could enroll in this program. Another example might be that of an individual with a nurse practitioner degree desiring advanced study in nursing administration.

Additional coursework may be required upon evaluation of transcripts for students with a master's degree in a field other than nursing. A DNP is required for application to the post-graduate CRNA certificate program.

Mission Statement

To prepare graduates for advanced professional nursing practice with specific functional and clinical abilities.

Program Outcomes

The nursing education certificate prepares nurses for educator positions in various settings such as staff development, patient education, schools and colleges. The nursing administration certificate prepares nurses for a variety of administrative and leadership positions in health care delivery systems. The nurse practitioner certificate prepares nurses to serve in a variety of clinical practices. The nurse anesthesia certificate program prepares nurses to serve as certified registered nurse anesthetists.

Schedule

The certificate program is hybrid with online and on-campus requirements. Clinical requirements of practicum commonly require more than one day per week.

Curricular needs of full-time cohort students will be given priority.

Admission Requirements:

1. Completed application with \$50 application fee
2. Completion of a master's degree in nursing from a CCNE or ACEN accredited and state approved program.
3. Students dismissed from a graduate nursing program for academic, clinical, or behavioral reasons will not be admitted to Union University's Graduate Nursing Program. Students who have been enrolled in another program and withdrew or are still enrolled in good standing must have a letter from the program director or Dean stating that they are in good standing or withdrew while in good standing in order to be considered for admission to Union University's Graduate Nursing Program.
4. Official transcripts from all post-secondary institutions must be submitted directly through NursingCAS. Please do not send transcripts for non-traditional nursing programs to Undergraduate Admissions. Transcripts must be received by NursingCAS in a sealed envelope from all previous academic institutions attended. Official transcripts from all post-secondary institutions must be sent to: NursingCAS, P.O. Box 9201, Watertown, MA 02471.
5. Proof of current unencumbered RN licensure and APN licensure (if applicable) in the state of residence.
6. Eligible for licensure as a RN and APN (if applicable) in Tennessee.
7. Interview with the Nursing Graduate Admissions Selection Committee
8. Applicants from a country where the native language is not English may be required to show proof of English proficiency with scores no low.1 (hs no)11 (natan 1711

Additional requirements for the Nurse Practitioner and Nurse Educator tracks:

- Science GPA of 3.0 on 4.0 scale, defined as Anatomy and Physiology 1 and 2, and Statistics is preferred
- Statement of professional goals to include (limit to 2 pages)
 - Why you wish to become a Nurse Practitioner, Nurse Educator, or Nurse Administrator
 - What you plan to do with this certificate, including long term goals
 - How you have prepared for success in this program

Students admitted to the program must have and maintain while in the program:

1. Current CPR certification
2. Evidence of Hepatitis B, MMR, and tetanus vaccination (TDaP unless TD within the past 2 years)
3. Proof of 2 Varicella vaccinations or positive antibody titer (If titer is negative, student must repeat the 2 vaccine series.
4. Freedom from tuberculosis as evidenced by a negative PPD or health provider examination
5. Health insurance

Academic Standards, Requirements for Progression, Probation, and Dismissal

Students must maintain an overall B average. After completion of 9 graduate hours at Union University, a graduate student whose cumulative GPA from courses completed at Union University for graduate credit is below 3.0 will be placed on academic probation. A student placed on academic probation has one semester to increase his or her cumulative

- III. Post-graduate Certificate Nurse Practitioner—26 hours
 - A. BIO 500; NUR 544, 622
 - B.

NURSING ENDORSEMENT PROGRAMS

COLLEGE OF NURSING AND HEALTH SCIENCES

Nursing Education and Nursing Administration Endorsement Programs Description

The College of Nursing and Health Sciences endeavors to provide curricula that encourage individuals to pursue Christ-centered excellence in their nursing vocation as the future needs of the nursing profession come into view. The Nursing Education and Nursing Administration endorsement programs fit with the university's mission to provide Christ-centered higher education that promotes excellence and character development in service to Church and society.

These programs provide an alternative for students who do not have the resources or desire/interest to complete an MSN or a post-graduate certificate (PGC). The Nursing endorsement programs will serve to develop nurse educators and leaders for the future by providing opportunities for practicing nurses with a minimum of a bachelor's degree to achieve higher levels of education and training in order to expand their career opportunities. For example, bedside nurses or APRNs who would like to move into academia will benefit from education courses. Those who would like to move into administration or healthcare leadership will benefit from nursing administration

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Students will also be dismissed without opportunity for probation if they:

- Receive an “F” (i.e., any grade below a “C”) in any course
- Receive more than two “C”s in any non-track specific courses.

Students must make a grade of B or higher in all track specific and 700-level courses (excluding pass/fail courses) in

528. Nursing Administration and the Law (3)

A general background to the elements and characteristics of health, administrative, criminal, civil law and the implications for nurse practicing in an administrative role looking at malpractice, risk management, tort law and tort reform, OSHA regulations, construction, organizational management, laws affecting subsidiary corporations and tax law. Emphasis will be placed on administration of human resources including labor and legal issues, collective bargaining, labor laws, and the design of effective policies and procedures to reflect these laws.

529. Healthcare and Missions (3)

This course affords the graduate nursing student the opportunity to be involved in the development and implementation of a short-term healthcare mission trip by serving in a transcultural healthcare setting. The educational service provided in the transcultural healthcare setting will be based on the student's nursing expertise and guided by the presence of a faculty member.

532. Anesthesia Pharmacology (3)

An extensive examination of the pharmacological principles associated with the administration of anesthetic agents. An understanding of the physiological impact on the body in relation to the absorptive, metabolic, and elimination processes of each anesthetic agent will be examined.

533. Advanced Nursing Research and Evidence-Based Practice (3)

Prerequisite: NUR 515.

This course emphasizes analysis and interpretation of clinical research and evidence based practice, preparing the student to use translational science in clinical decision

558. Transitions to Advanced Practice Nursing (2)

Prepares the student for transition from student role to Advanced Practice role; emphasis placed on professional topics such as reimbursement, licensure, credentialing, prescriptive privileges, interviewing for and securing employment, contract negotiation, and portfolio preparation. Also encompasses legal issues pertinent to the APN role.

559. Role Development and Collaborative Strategies in Advanced Nursing Practice (2)

The purpose of this course is to enhance the student's knowledge of advanced nursing practice roles and interprofessional roles in healthcare delivery. Emphasis is on integrating philosophical inquiry, theory analysis, and translational research findings to improve healthcare outcomes for culturally diverse individuals and teams.

566. Models and Theories for Family Psychiatric Mental Health Nursing (2) F

This course focuses on conceptual models and theories related to the practice of psychiatric and mental health care. Concepts of development and individual functioning provide a theoretical basis for understanding the development of psychopathology and the selection of psychotherapeutic interventions. (and)-1.6IT8vfo eanent and Col-4. R 10 nd cyanced Nursing

613. Cardiovascular/Pulmonary Anesthesia: Perspectives of Anesthetic Care (3)

An intense examination of the practice of intrathoracic anesthesia for adult surgical patients, this course will focus on pathophysiological conditions and surgical procedures associated with the heart and pulmonary systems that may impact the delivery of anesthesia. Anesthetic implications and techniques will be presented based on the noted conditions.

614. Neurosurgical Anesthesia: Perspectives of Anesthetic Care (2)

An in-depth examination of the practice of neurosurgical anesthesia in the adult population with emphasis on common pathophysiological conditions associated with neurological disorders. Anesthetic techniques and implications will be presented based on neurological conditions and surgical procedures.

615. Resource Management (3)

The management of resources in the health care environment. Focus is managing the revenue and expense aspects of the budget

652. Psychopharmacology Across the Lifespan (3) Su
Prerequisites: NUR 544, NUR 622.

This course builds on advanced pharmacology with the introduction of neurobiologic, genetic, and environmental theories of mental health disorders. The course emphasizes evidence-based practice and research-based data in the use of medications for mental health disorders across the lifespan. The course focuses on safety, therapeutic outcomes, recognizing and managing side effects, and medication management as part of a comprehensive treatment plan. The course will also cover appropriate laboratory and other diagnostic data that impact medication selection.

653. Management of Acute and Chronic Mental Health Disorders: Children and Adolescents (4) Su

Prerequisites: NUR 544, NUR 622. Corequisite: NUR 652.

This course will examine the major psychopathologies in children and adolescents including epidemiology, cultural and spiritual beliefs, specific assessment issues and tools, as well as evidence-based therapies. Interventions include psychopharmacologic as well as psychotherapeutic approaches (including psychotherapy) and combinations of therapies in the care of children and adolescents with mental health disorders. The psychiatric and emotional health of children, adolescents and their parents/ caretakers will be explored through developmental, interactional, behavioral, and psychobiological models. This course will also address health promotion and legal/ethical aspects in the treatment of children and adolescents. Clinical experiences will facilitate the implementation and evaluation of therapeutic interventions in a variety of clinical settings.

654. Management of Acute and Chronic Mental Health

Disorders: Adult and Geriatric Populations (4) Su

Prerequisites: NUR 544, NUR 622. Corequisite: NUR 652.

This course will examine the major psychopathologies in children and adolescents including epidemiology, cultural and spiritual beliefs, specific assessment issues and tools, as well as evidence-based therapies. Interventions include psychopharmacologic as well as psychotherapeutic approaches (including psychotherapy) and combinations of therapies in the care of children and adolescents with mental health disorders. The psychiatric and emotional health of children, adolescents and their parents/ caretakers will be explored through developmental, interactional, behavioral, and psychobiological models. This course will also address health promotion and legal/ethical aspects in the treatment of children and adolescents. Clinical experiences will facilitate the implementation and evaluation of therapeutic interventions in a variety of clinical settings.

655. Independent Study (1-4)

Individual research and study under the guidance of a graduate faculty member.

691. Nurse Anesthesia Clinical Residency (1)

This clinical course will expose the student to specialty types of anesthetic type management in the areas of obstetrics, pediatrics, cardiology and neurology. In addition, the student will develop the understanding of complex anesthetic management through interaction with patient simulation.

693A. Nursing Administration Practicum II (2)
Prerequisite: NUR 593.

This course will integrate didactic material from previous combination of administrative theory, quality management, health care economics, organizational behavior, and information systems through mentoring and field experience. Emphasis will be placed on developing practice and decision-making skills that are excellence driven, Christ-centered, people-focused, and future-

720. Faith and Science (3)

The philosophical underpinnings of the Christian worldview as it applies to faith and science in the arena of health care. An understanding of faith as the basis for hope and humanity in delivering quality health care will be discussed while incorporating the quantitative analysis of scientific principles.

725. Health Care Policy and Economics (3)

To prepare the student to critically evaluate the relationship between problems in health care legislation and the development of economic, political, social, and ethical issues that impact nursing. Students will synthesize the components of the Christian worldview related to issues in health care legislation and apply this philosophy to the development of effective health care policies. Students will be prepared to enact fiscally responsible and effective changes in local, state and national health care policies.

728. Transitions to DNP Practice (3)

The purpose of this course is to prepare the student for transition from the student role to Advanced Nursing Practice at the Doctoral level. Emphasis will be placed on content, competencies, and experiences needed for specialty practice and as delineated by national specialty organizations. Course is graded Pass/Fail.

730. Epidemiology (3)

Designed to prepare students to employ evidence-based strategies to promote health, reduce risk, and prevent illness in individuals, aggregates, and populations from the Christian worldview approach. Emphasis will be placed on objectives of Health People 2020 and the analysis of epidemiological, biostatistical, occupational, and environmental data. Other integral topics include collaboration with other disciplines, cultural diversity and sensitivity, emergency and disaster preparedness, and infection control.

735. Fellowship I (2)

An introductory course designed to prepare the student to serve within their scope of practice at a high level of complexity. The student will be supported with application, analysis, synthesis, and evaluation of knowledge gained through core DNP course work to improve clinical practice. Minimum 180 clinical hours. Course is graded Pass/Fail.

738., 739. Fellowship II, III (3 each)

This course is designed to further prepare the student to serve within their scope of practice at a high degree of complexity. The student will be supported with application, analysis, synthesis, and evaluation of knowledge gained through core DNP course work to improve clinical practice. Minimum 240 clinical hours per course. Course is graded Pass/Fail.

745. Leadership and Teaching Practice Strategies (3)

Designed to prepare the student for the leadership and instructional role, this course will focus on expectations of leaders and educators within academic, practice, and health care systems.

793. DNP Project Development (3)

Assigned to students to plan, execute, and evaluate a project that addresses a clinical or organizational issue. Course is graded Pass/Fail.

The Master of Athletic Training is currently applying to the the Commission on Accreditation of Athletic Training Education (CAATE) for a change in level of degree and is pending approval. CAATE is located at 2001 K Street NW, Third Floor North, Washington, DC 20006. The program is also pending approval from the Southern Association of Colleges and Schools Commission on Colleges.

Mission Statement

AT 513 Evaluation/Diagnosis/Treatment/Rehab of
Upper Extremity
BIO 527 Pathobiology
AT 512 Evaluation/Diagnosis/Treatment/Rehab of
Spine, Head, and Face
AT 515 Advanced Biomechanics
AT 518 Prevention
AT 621 Practicum IIa
AT 622 Practicum IIb
AT 626 Research in Athletic Training
AT 615 Healthcare Administration AT 623 Practicum III
AT 624 Practicum IV
AT 610 General Medical Conditions
AT 630 Advanced Skills in Athletic Training
AT 620 Pharmacology for Athletic Trainers
AT 612 Patient Interaction
AT 690 Athletic Training Capstone Course
AT 625 Practicum V

Financial Information

Tuition Rates (per credit hour)

MAT Graduate Courses.....\$575/credit hour
Full payment for a term (fall, spring, summer, or other non-
regular term) is expected at the time of registration for classes.
Program Application Fe (via ATCAS)...\$90 for first
program, \$55 each additional program application
General Student Fee:.....\$32/credit hour

Course Descriptions: Athletic Training (AT)

501. Foundations of Athletic Training (3) Su

This course will explore the foundational skills of athletic trainers including those related to emergency response and immediate treatment of injuries to active individuals. Skills to be taught and assessed include, but are not limited to: CPR/AED/First Aid/Adjunct Airways; Taping/Bracing/Splinting; Spinal Motion Restriction; Equipment Removal; Stop the Bleed™ training.

505. Introduction to Evaluation/Diagnosis/Treatment/
Rehabilitation (3) Su

This course will include foundational knowledge in the areas of evaluation, diagnosis, treatment, and rehabilitation.

512. Evaluation/Diagnosis/Treatment/Rehabilitation of the Spine, Head, and Face (4) S

This course will serve as an advanced study on evaluation, diagnosis, treatment, and rehabilitation of injuries to the Spine, Head, and Face of active individuals. This course takes a systematic approach to injury identification and management and will instruct students in the decision making processes involved in taking a patient from the injured/diseased state to a state of preparedness for return to play (or normal function). Students will be able to evaluate and diagnosis injuries to the Spine, Head, and Face as well as create treatment and rehabilitation plans to return the patient to a desired level of functioning.

513. Evaluation/Diagnosis/Treatment/Rehabilitation of the Upper Extremity (4) F

This course will serve as an advanced study on evaluation, diagnosis, treatment, and rehabilitation of injuries to the Upper Extremity of active individuals. This course takes a systematic approach to injury identification and management and will instruct students in the decision making processes involved in taking a patient from the injured/diseased state to a state of preparedness for return to play (or normal function). Students will be able to evaluate and diagnosis injuries to the upper extremity as well as create treatment and rehabilitation plans to return the patient to a desired level of functioning.

515. Advanced Biomechanics (3) S

This course will serve as an advanced study of biomechanical functioning of the human body. It will include study of biomechanics, pathomechanics, and kinesiology. The understanding of these disciplines will allow students to identify antalgic or injurious motion which may result in or predispose an individual to injury. Further, this course will prepare students to recommend movement modifications to patients in an effort to correct such potentially injurious motions.

518. Prevention (2) S

This course will explore the ways in which athletic trainers can prevent injuries in active individuals. Topics covered in this course will include, but are not limited to: Strength and Conditioning, Performance Nutrition, Environmental Considerations, Pre Participation Screenings.

610. General Medical Conditions (3) F

This course will include serve as an advanced study on evaluation, diagnosis, treatment, and referral of injuries or conditions that are non-orthopedic in nature (aka General Medical Conditions). In this course students will be instructed on how to identify common general medical conditions related to the following body systems: Integumentary, Endocrine, Cardiovascular, Urinary, Respiratory, CNS/PNS, Immune, Reproductive, and Digestive. Additionally, students will receive instruction in how to immediately treat common conditions and/or appropriate referral mechanisms should the injury/condition require treatment outside of the scope of care provided by an athletic trainer.

612. Patient Interaction (2) S

This course is designed to help students develop the "soft skills" associated with patient care. Topics covered in this course will include: Professional communication strategies, Providing care to diverse populations, Social determinants of health, Pain and Disability Drivers, Injury and Disability Indexes, and other instruments to measure quality of life/health. Students will be exposed to a wide variety of patients and experiences through the use of standardized patients and simulated patient interactions.

615. Healthcare Administration (3) Su

This course will provide students with the knowledge and skills necessary to be a leader in the athletic training profession. Administrative topics to be covered in this course include, but are not limited to: Policies and procedures for healthcare facility and healthcare delivery, Facility design, Disablement models, Documentation strategies, Insurance (primary and secondary), 3rd party billing coding, and Leadership.

620. Pharmacology for Athletic Trainers (2) F

This course is designed to introduce students to the pharmacological applications, organized by Disab8ebody (but sy2

623. AT Practicum III (1) Su

This course is a partially immersive clinical experience for second year AT students. This is a Special Medical clinical experience. Students will have an opportunity to choose their clinical experience among a menu of options including EMS ride along, ER observations, Medical Scribing in clinic, and any other option agreed upon by the AT program faculty/administration. Students enrolled in this course will be required to report to a clinical preceptor or affiliated medical supervisor and fully participate in activities in which the clinical preceptor or affiliated medical supervisor is involved. Students will be required to complete a maximum of 30 hours per week, over the 4 weeks of this Practicum Course III, for a total of 120 clinical hours.

624. AT Practicum IV (3) F

This course is an immersive clinical experience. (wi)-0.8 (ic)-0.9 (ic)21.5 (1o)-0.7 (r)- s-0.9 (ic)-0.8 (u)-0.7 (icd.5 (xp]TJ E