MASTER OF ATHLETIC TRAINING (MAT)

MAT 5000 Thesis Research & Seminar
Prerequisites: Admission to the Master of Athletic Training.
Description: Research, thesis, and seminar requirement culminating with a Master of Athletic Training degree. Offered for valuable credit, 1-6 credit hours.
Credit hours: 1-6
Contact hours: Contact: 1-6 Other: 1-6
Levels: Graduate
Schedule types: Independent Study
Department/School: Allied Health

MAT 5103 Emergency Management in Athletic Healthcare
Prerequisites: Admission into the Entry Level Masters degree Athletic Training Education Program.
Description: Development of essential skills and competencies necessary to manage emergency situations. Previously offered as HHP 5103.
Credit hours: 3
Contact hours: Lecture: 2 Lab: 2 Contact: 4
Levels: Graduate
Schedule types: Lab, Lecture, Combined lecture and lab
Department/School: Allied Health
Additional Fees: MAT Course Lab fee of $125 applies.

MAT 5122 Clinical Anatomy for Athletic Training
Prerequisites: Admission in the Master of Athletic Training program.
Description: Gross structures of the human body using a regional approach including topographic and functional anatomy, and clinical correlations as appropriate for athletic trainers and allied healthcare professionals. Descriptive basis for understanding human structure and function encountered in professional practice.
Credit hours: 2
Contact hours: Lecture: 1 Lab: 3 Contact: 4
Levels: Graduate
Schedule types: Lab, Lecture, Combined lecture and lab
Department/School: Allied Health

MAT 5183 Injury Prevention and Management
Prerequisites: Admission into the Early Level Masters degree Athletic Training Education Program.
Description: Introduction to injury etiology, appropriate injury prevention and the administration of subsequent medical care. Based in didactic theory and practical experience regarding many aspects of Athletic Healthcare. Previously offered as HHP 5184.
Credit hours: 3
Contact hours: Lecture: 2 Lab: 2 Contact: 4
Levels: Graduate
Schedule types: Lab, Lecture, Combined lecture and lab
Department/School: Allied Health
Additional Fees: MAT Course Lab fee of $125 applies.

MAT 5202 Athletic Training Practicum I
Prerequisites: Admission into the Entry Level Masters degree Athletic Training Education Program.
Description: Supervised clinical experiences in athletic training emphasizing concepts in injury prevention, acute care injury management. Previously offered as HHP 5201.
Credit hours: 2
Contact hours: Contact: 2 Other: 2
Levels: Graduate
Schedule types: Independent Study
Department/School: Allied Health

MAT 5223 Therapeutic Modalities
Prerequisites: Admission into the Entry Level Masters degree Athletic Training Education Program, and HHP 5122.
Description: Discussion and application of common electronic and physiologic devices used in the treatment of acute and chronic injuries to the musculoskeletal systems. This course is designed to introduce the student to various therapeutic agents used in the treatment of injury through problem based learning. Previously offered as HHP 5222.
Credit hours: 3
Contact hours: Lecture: 2 Lab: 2 Contact: 4
Levels: Graduate
Schedule types: Lab, Lecture, Combined lecture and lab
Department/School: Allied Health
Additional Fees: MAT Course Lab fee of $125 applies.

MAT 5233 Clinical Evaluation and Diagnosis of the Lower Extremity
Prerequisites: Admission into the Entry Level Masters degree Athletic Training Education Program.
Description: Contemporary knowledge and skills related to evidence based practice in the recognition, diagnosis, and appropriate medical referral of injuries to the hip, pelvis, and lower extremity. Previously offered as HHP 5234.
Credit hours: 3
Contact hours: Lecture: 2 Lab: 2 Contact: 4
Levels: Graduate
Schedule types: Lab, Lecture, Combined lecture and lab
Department/School: Allied Health
Additional Fees: MAT Course Lab fee of $125 applies.

MAT 5243 Therapeutic Exercise of the Lower Extremity
Prerequisites: Admission into the Entry Level Masters degree Athletic Training Education Program.
Description: Scientific methods used in therapeutic exercise and rehabilitation of lower extremity injuries. Investigation of mechanisms of injury, anatomical structures involved and methodological approach in designing rehabilitative programs. Previously offered as HHP 5244.
Credit hours: 3
Contact hours: Lecture: 2 Lab: 2 Contact: 4
Levels: Graduate
Schedule types: Lab, Lecture, Combined lecture and lab
Department/School: Allied Health
Additional Fees: MAT Course Lab fee of $125 applies.

MAT 5302 Athletic Training Practicum II
Prerequisites: MAT 5202, Admission into the Master of Athletic Training Program.
Description: Interactive and supervised clinical experiences in athletic training emphasizing diagnosis, treatment and rehabilitation of injuries to the lower extremity. Previously offered as HHP 5301.
Credit hours: 2
Contact hours: Contact: 2 Other: 2
Levels: Graduate
Schedule types: Independent Study
Department/School: Allied Health

MAT 5315 Clinical Evaluation, Diagnosis, Pathology and Pharmacology of Non-Orthopedic Medical Conditions
Prerequisites: Admission to the Master of Athletic Training Program.
Description: To present the student with specific pathologies, medical conditions and possible avenues for treatment of nonorthopedic conditions. This will include the pathology and pharmacology of these pathologies. Based in medical theory and practical outcomes, this course will prepare students to evaluate, treat and refer to proper medical professionals. Previously offered as MAT 5313 and HHP 5314.
Credit hours: 5
Contact hours: Lecture: 4 Lab: 2 Contact: 6
Levels: Graduate
Schedule types: Lab, Lecture, Combined lecture and lab
Department/School: Allied Health

MAT 5333 Clinical Evaluation and Diagnosis of the Upper Extremity
Prerequisites: HHP 5234.
Description: Advanced knowledge and skills related to evidence based practice in the recognition, diagnosis and appropriate medical referral of injuries to the upper extremities. Previously offered as HHP 5334.
Credit hours: 3
Contact hours: Lecture: 2 Lab: 2 Contact: 4
Levels: Graduate
Schedule types: Lab, Lecture, Combined lecture and lab
Department/School: Allied Health

MAT 5343 Therapeutic Exercise of the Upper Extremity
Prerequisites: Admission in the Master of Athletic Training Program.
Description: Evidence based practices used in therapeutic exercise and rehabilitation of upper extremity injuries. Investigation of mechanisms of injury, anatomical structures involved and methodological approach in designing rehabilitative programs. Previously offered as HHP 5344.
Credit hours: 3
Contact hours: Lecture: 2 Lab: 2 Contact: 4
Levels: Graduate
Schedule types: Lab, Lecture, Combined lecture and lab
Department/School: Allied Health

MAT 5402 Athletic Training Practicum III
Prerequisites: HHP 5301 Athletic Training Practicum II.
Description: Interactive and supervised clinical experiences in athletic training emphasizing diagnosis, treatment and rehabilitation of injuries to the upper extremity. Previously offered as HHP 5401.
Credit hours: 2
Contact hours: Contact: 2 Other: 2
Levels: Graduate
Schedule types: Independent Study
Department/School: Allied Health

MAT 5412 Radiography Evaluation and Assessment
Prerequisites: Admission into the Entry Level Masters degree Athletic Training Education Program.
Description: To introduce the student to the fundamental principles, equipment and common methods and procedures of radiography. Previously offered as HHP 5412.
Credit hours: 2
Contact hours: Lecture: 2 Contact: 2
Levels: Graduate
Schedule types: Lecture
Department/School: Allied Health

MAT 5443 Clinical Diagnosis, Evaluation, and Therapeutic Exercise of the Head and Spine
Prerequisites: Admission to the Master of Athletic Training Program.
Description: Advanced knowledge and skills related to the recognition, diagnosis and appropriate medical referral of injuries to the lumbar, thoracic and cervical spine and head. Scientific methods used in therapeutic exercise and rehabilitation of head and spine injuries. Previously offered as HHP 5444.
Credit hours: 3
Contact hours: Lecture: 2 Lab: 2 Contact: 4
Levels: Graduate
Schedule types: Lab, Lecture, Combined lecture and lab
Department/School: Allied Health
Additional Fees: MAT Course Lab fee of $125 per credit hour applies.

MAT 5481 Advanced Athletic Training Techniques
Prerequisites: Admission to the Master of Athletic Training Program.
Description: To present the student with advanced manual therapy and athletic training hands-on techniques. Previously offered as MAT 5483 and HHP 5483.
Credit hours: 1
Contact hours: Lecture: 1 Contact: 1
Levels: Graduate
Schedule types: Lecture
Department/School: Allied Health

MAT 5502 Athletic Training Practicum IV
Prerequisites: MAT 5402, Admission in the Master of Athletic Training Program.
Description: Interactive and supervised clinical experiences in athletic training emphasizing diagnosis, treatment and rehabilitation of injuries to the head and spine and general medical conditions. Previously offered as HHP 5501.
Credit hours: 2
Contact hours: Contact: 2 Other: 2
Levels: Graduate
Schedule types: Independent Study
Department/School: Allied Health

MAT 5553 Research Evaluation and Application
Prerequisites: Admission into the Entry Level Masters degree Athletic Training Education Program.
Description: Discuss the importance of conducting research in athletic training and the healthcare professions. Emphasis is placed on research design, ethics, collection of data, and the dissemination of results. Previously offered as HHP 5533.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Graduate
Schedule types: Lecture
Department/School: Allied Health

MAT 5573 Athletic Healthcare Administration
Prerequisites: Admission into the Entry Level Masters degree Athletic Training Education Program.
Description: The administration and organization of athletic healthcare programs including planning and implementation, certification procedures, code of professional practice, safety standards and resource management. Previously offered as HHP 5573.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Graduate
Schedule types: Lecture
Department/School: Allied Health

MAT 5583 Psychosocial Strategies in Athletic Healthcare
Prerequisites: Admission into the Entry Level Masters degree Athletic Training Education Program.
Description: Development of psychosocial strategies and referral competencies set by the National Athletic Trainers Association Board of Certification. Previously offered as HHP 5583.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Graduate
Schedule types: Lecture
Department/School: Allied Health

MAT 5602 Athletic Training Practicum V
Prerequisites: MAT 5502, Admission in the Master of Athletic Training Program.
Description: Interactive and supervised clinical experiences in athletic training emphasizing evidence based practices and administrative responsibilities. Previously offered as HHP 5601.
Credit hours: 2
Contact hours: Contact: 2 Other: 2
Levels: Graduate
Schedule types: Independent Study
Department/School: Allied Health