**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

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

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 5203 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 5223 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 5233 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
<table>
<thead>
<tr>
<th>Course Number</th>
<th>Course Title</th>
<th>Prerequisites</th>
<th>Description</th>
<th>Credit hours</th>
<th>Contact hours</th>
<th>Levels</th>
<th>Schedule types</th>
<th>Department/School</th>
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<tbody>
<tr>
<td>MAT 5315</td>
<td>Clinical Evaluation, Diagnosis, Pathology and Pharmacology of Non-Orthopedic Medical Conditions</td>
<td>Admission to the Master of Athletic Training Program.</td>
<td>To introduce the student to the fundamental principles, equipment and common methods and procedures of radiography. Previously offered as HHP 5412.</td>
<td>2</td>
<td>3</td>
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<tr>
<td>MAT 5333</td>
<td>Clinical Evaluation and Diagnosis of the Upper Extremity</td>
<td>HHP 5234.</td>
<td>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.</td>
<td>3</td>
<td>4</td>
<td>Graduate</td>
<td>Lecture: 2 Lab: 2 Contact: 4</td>
<td>Allied Health</td>
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<tr>
<td>MAT 5343</td>
<td>Therapeutic Exercise of the Upper Extremity</td>
<td>HHP 5301.</td>
<td>Interactive and supervised clinical experiences in athletic training emphasizing diagnosis, treatment and rehabilitation of injuries to the upper extremity. Previously offered as HHP 5401.</td>
<td>2</td>
<td>2</td>
<td>Graduate</td>
<td>Contact: 2 Other: 2</td>
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<td>MAT 5402</td>
<td>Athletic Training Practicum III</td>
<td>HHP 5301.</td>
<td>Interactive and supervised clinical experiences in athletic training emphasizing diagnosis, treatment and rehabilitation of injuries to the upper extremity. Previously offered as HHP 5401.</td>
<td>2</td>
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<td>Graduate</td>
<td>Contact: 2 Other: 2</td>
<td>Allied Health</td>
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<tr>
<td>MAT 5443</td>
<td>Clinical Diagnosis, Evaluation, and Therapeutic Exercise of the Head and Spine</td>
<td>HHP 5444.</td>
<td>Advanced knowledge and skills related to the recognition, diagnosis and appropriate medical referral of injuries to the head, thoracic and cervical spine and head. Scientific methods used in therapeutic exercise and rehabilitation of head and spine injuries. Previously offered as HHP 5444.</td>
<td>3</td>
<td>4</td>
<td>Graduate</td>
<td>Lecture: 2 Lab: 2 Contact: 4</td>
<td>Allied Health</td>
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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