

**Graduate Curriculum Committee
Meeting Minutes
September 12, 2018**
Tomlinson Library, Meeting Room 331

Members Present: Amanda Benzin, Scott Bevill, Cynthia Chovich, Eli Hall, Paul Hampton, Kristin Heumann, Tamera Minnick, Jason Reddoch, Kyle Stone, and Jun Watabe

Members Absent: Philip Gustafson, Bridget Marshall, and Michelle Sunkel

Ex-officio members present: Maggie Bodyfelt, Barbara Borst, Janel Davis, and Tim Pinnow

Guests: Jeremy Hawkins and Alli Zeigel

Recording Secretary: Emily Dodson

Chair Heumann called the meeting to order at 4:04.

I. Introductions

The committee members introduced themselves. New members include Amanda Benzin, Philip Gustafson, Eli Hall, Tamera Minnick, and Kyle Stone.

II. Unfinished Business

A. 2017-18 Graduate Curriculum Committee Annual Report

Chair Heumann re-introduced the 2017-2018 GCC Annual Report. Motion: **To approve the 2017-2018 GCC Annual Report (Chovich/Stone)**. No further discussion. Motion unanimously carried to approve the 2017-2018 GCC Annual Report. The final version of this report is presented beginning on page 3.

III. Curriculum Proposals

Summary of committee actions on curriculum proposals begins on page 13.
Further details of proposals begin on page 15.

IV. Information Items

A. Committee Resources

Committee resources were presented, including the GCC webpage, curriculum forms and manuals webpage, Curriculum Policies and Procedures Manual, 2018-2019 Curricular Change Forms, GCC Dates and Deadlines Calendar, and CMU Catalog. The committee was reminded that the Graduate Curriculum Committee and the Program Sheets for Curriculum Program Modifications folders on the R drive contain important resources. They were also reminded that PDFs of

program sheets will continue to be available in 2018-19, but that this information will only be available in the catalog starting in 2019-20. They were encouraged to start using the catalog version of the program sheets now to prepare for this change.

B. Anticipated Proposals

Pinnow noted an anticipated proposal for a new Criminal Justice graduate program as well as some program modifications for Nursing. Stone indicated that there will be some MBA program modifications. Chovich stated that she expects some Education graduate programming modifications.

Adjournment:

Chair Heumann entertained motions to adjourn. **Motion to adjourn: Chovich/Hall.** With no objections from the committee, Chair Heumann adjourned the meeting at 4:30.

Respectfully submitted by Emily Dodson, September 13, 2018.



Graduate Curriculum Committee Year End Report 2017-18

Approved: September 12, 2018

The year-end report contains information items and course and program changes approved during the academic year.

2017-18 Graduate Curriculum Committee Year-End Report

2017-18 Membership

Department	Member	Term
Art and Design	Mr. Araan Schmidt	Spring 2018
Biological Sciences	Dr. Paul Hampton (Fall 2017); Dr. Steve Werman (Spring 2018)	Spring 2020
Business	Dr. Richard Vail	Spring 2019
Computer Science, Mathematics, and Statistics	Dr. Richard Ott	Spring 2018
Engineering	Dr. Scott Bevill	Spring 2020
Health Sciences	Dr. Bridget Marshall	Spring 2020
Kinesiology	Dr. Kristin Heumann	Spring 2020
Languages, Literatures, and Mass Communication	Dr. Jason Reddoch	Spring 2018
Music	Dr. Jun Watabe	Spring 2018
Physical and Environmental Sciences	Dr. David Collins	Spring 2018
Social and Behavioral Sciences	Dr. Michelle Sunkel	Spring 2020
Teacher Education	Dr. Cynthia Chovich	Spring 2018
Theater	Mr. Kris Dietrich (Fall 2017);	Spring 2019

Officers

Chair:	Dr. Kristin Heumann
Vice Chair:	Mr. Kris Dietrich (Fall 2017); Dr. Michelle Sunkel (Spring 2018)

Ex-Officio Positions

Vice President of Academic Affairs (VPAA)	Dr. Cynthia Pemberton
Designee for VPAA	Mr. Tim Pinnow
Faculty Senate President	Mr. Josh Butler
Registrar	Ms. Holly Teal
Designee for Registrar	Ms. Maggie Bodyfelt
Director of Financial Aid	Mr. Curt Martin
Library Representative	Ms. Barbara Borst
Academic Schedule Coordinator	No Appointee
Catalog Description Reviewer	Dr. Johanna Varner
Student Representative	No Appointee

Recording Secretary, non-voting Ms. Emily Dodson (Academic Affairs)

Information and Business Items

September 13, 2017 Meeting

Introductions

Introductions were made. New members include Richard Vail, Scott Bevill, Bridget Marshall, Jason Reddoch, David Collins, and Michelle Sunkel.

Committee Processes

Pinnow informed the committee that Dodson will now be serving as the Secretary. Chair Heumann noted that there will now be an Executive Committee to review proposals before distribution to the full committee. The Executive Committee is composed of Heumann, Dietrich, Pinnow, Bodyfelt, and Dodson.

Heumann presented the GCC Important Dates and Deadlines calendar for 2017-2018 and inquired about proposals to anticipate. Education, Nursing, and Business anticipate proposals. Heumann reminded the committee to keep these deadlines in mind for submission of proposals.

Dodson showed the committee where to find the Curriculum Policies and Procedures Manual and proposal forms for 2017-18. Dodson noted that 2017-18 proposal forms are almost complete and encouraged the committee to proceed with 2016-17 forms until new forms are made available.

Election of Vice Chair

Chair Heumann opened the floor for position of vice-chair. Motion: to nominate Dietrich to serve as vice-chair (Heumann). There were no further nominations. Dietrich was unanimously elected as chair.

October 11, 2017 Meeting via Email

Kinesiology proposed the modification of their new Physician Assistant program from a Master of Physician Assistant Science to Master of Physician Assistant Studies. Chair Heumann called for a vote via email on October 9, 2017. The proposal was attached. By the response deadline of October 11, 2017, 10 members responded with affirmative votes, and 3 members did not reply. The proposal was approved.

November 8, 2017 Meeting via Email

The committee voted on two date changes in the Dates and Deadlines Calendar for 2017-18: February 21, 2018 to February 28, 2018 and March 7, 2018 to March 28, 2018. The revisions were approved. Note: The February meeting was later changed to February 27, 2018 to accommodate scheduling conflicts.

February 27, 2018 Meeting

Election of Vice Chair

Chair Heumann announced that Dr. Dietrich has accepted a position at another institution, subsequently opening the vice-chair seat. Chair Heumann called for nominations for vice-chair. Chair Heumann nominated Sunkel. There were no other nominations. Chair Heumann motioned to elect Sunkel for the seat and Werman seconded the motion. Sunkel was unanimously elected vice-chair.

April 12, 2018 Meeting

Year-End Business

The committee reviewed the first draft of the annual report and discussed committee membership changes for 2018-2019. The proposed 2018-2019 GCC Dates and Deadlines Calendar was reviewed and unanimously approved.

Election of 2018-2019 Officers

Chair Heumann called for nominations for committee chair for 2018-19. Heumann was nominated. Ott motioned for election of Heumann, and Werman seconded the motion. Heumann was unanimously elected as GCC Chair for 2018-19.

Chair Heumann called for nominations for committee vice-chair for 2018-19. Sunkel prior granted permission to Heumann to nominate her for the position. Sunkel was nominated. Page 2 of 2 Heumann motioned for election of Sunkel, and Ott seconded the motion. Sunkel was unanimously elected as GCC Vice-Chair for 2018-19.

Graduate Curriculum Committee Proposal Report (2017-18)

Biological Sciences

Course Addition

BIOL 500 Advanced Human Anatomy
3 credit hours with 3 lecture hours
Effective Spring 2019 (9/13/2017)

BIOL 500L Advanced Human Anatomy Laboratory
1 credit hours with 2 lab hours
Effective Spring 2019 (9/13/2017)

Business

Program Modification

MBA, Business Administration: 8100
Program sheet revision
Effective Fall 2018 (2/27/2018)

Health Sciences

Course Addition

NURS 652 Family Nurse Practitioner Preceptorship II
03 credit hours with 6 lab hours
Effective Fall 2018 (2/27/2018)

Course Modification

NURS 500 Theoretical Foundations
Change prerequisite scheme to: Admission to the MSN or DNP program
Effective Fall 2018 (2/27/2018)

NURS 503 Organizational Leadership
Change prerequisite scheme to: Admission to the MSN or DNP program
Effective Fall 2018 (2/27/2018)

NURS 505 Quality Assessment and Improvement in Health Care Settings
Change prerequisite scheme to: Admission to the MSN or DNP program
Effective Fall 2018 (2/27/2018)

NURS 525 Pathophysiologic Concepts
Change prerequisite scheme to: Admission to the MSN or DNP program
Change course catalog description to:
Focus on advanced concepts in pathophysiological processes and disease/disorder
Effective Fall 2018 (2/27/2018)

NURS 575 Capstone Project
Change prerequisite scheme to: NURS 500, NURS 501, NURS 502, NURS 503, NURS 504,
NURS 505, NURS 525, NURS 526 and NURS 527
Effective Fall 2018 (2/27/2018)

NURS 580 Thesis

Change prerequisite scheme to: NURS 500, NURS 501, NURS 502, NURS 503, NURS 504, NURS 505, NURS 525, NURS 526, NURS 527
Effective Fall 2018 (2/27/2018)

NURS 601 Primary Care of the Child/Adolescent

Change prerequisite scheme to: NURS 602 and NURS 620; or NURS 603 and NURS 630
Effective Fall 2018 (2/27/2018)

NURS 603 Primary Care of the Elderly

Change title to: Primary Care of the Older Person
Change course catalog description to:
Admission to the MSN or DNP program.
Program sheet revision
Effective Fall 2018 (2/27/2018)

NURS 604 Primary Care of Rural and Vulnerable Populations

Change title to: Primary Care of Rural Populations
Change prerequisite scheme to: NURS 602 and NURS 620; or NURS 603 and NURS 630
Program sheet revision
Effective Fall 2018 (2/27/2018)

NURS 610 Clinical Practicum: Child/Adolescent

Change prerequisite scheme to: NURS 602 and NURS 620; or NURS 603 and NURS 630
Effective Fall 2018 (2/27/2018)

NURS 625 Statistics for Health Sciences

Change prerequisite scheme to: NURS 500, NURS 501, NURS 502, NURS 503, NURS 504, NURS 505, NURS 525, NURS 526, and NURS 527
Effective Fall 2018 (2/27/2018)

NURS 626 Epidemiology

Change prerequisite scheme to: NURS 500, NURS 501, NURS 502, NURS 503, NURS 504, NURS 505, NURS 525, NURS 526, NURS 527, NURS 530, NURS 535, and NURS 602 and NURS 620 or NURS 603 and NURS 630
Effective Fall 2018 (2/27/2018)

NURS 630 Clinical Practicum Elderly

Change title to: Clinical Practicum: Older Person
Change prerequisite scheme to: Admission to the MSN or DNP program.
Change co-requisite scheme to: NURS 603
Program sheet revision
Effective Fall 2018 (2/27/2018)

NURS 640 Clinical Practicum: Rural Health Care

Change prerequisite scheme to: NURS 602 and NURS 620; or NURS 603 and NURS 630
Effective Fall 2018 (2/27/2018)

NURS 650 Family Nurse Practitioner Preceptorship

Change title to: Family Nurse Practitioner Preceptorship I
Change credit hours to: 03 credit hours with 06 lab hours
Change prerequisite scheme to: NURS 601, NURS 602, NURS 603, NURS 604, NURS 610, NURS 620, NURS 630, NURS 640
Change course catalog description to:
Focus on the role of a Family Nurse Practitioner in the client-care setting with selected populations. Experience designed to integrate and synthesize preceding clinical and didactic course knowledge and skills. Experience in the role of an advanced practice nurse with an

approved preceptor/mentor.
Program sheet revision
Effective Fall 2018 (2/27/2018)

NURS 660 Transition into Advanced Practice Nursing

Change title to: Transition to the Doctor of Nursing Practice
Change prerequisite scheme to: NURS 600, NURS 602, NURS 604, NURS 620, NURS 625,
NURS 626, NURS 640, and NURS 700
Change course catalog description to:
Concepts of professional growth, role development, and evidence- based practice for the
Doctor of Nursing Practice (DNP) in advanced nursing practice. Professional practice,
leadership, teamwork, collaboration, communication, legal, ethical, and project problem
development for the DNP are formalized.

Program sheet revision
Effective Fall 2018 (2/27/2018)

NURS 750 Capstone: Evidenced Based Practice I

Change title to: Doctor of Nursing Practice Project: Evidence-Based Practice I
Change prerequisite scheme to: NURS 600, NURS 601, NURS 602, NURS 603, NURS 604,
NURS 610, NURS 620, NURS 630, NURS 640, and NURS 660
Program sheet revision
Effective Fall 2018 (2/27/2018)

NURS 760 Capstone: Evidence Based Practice II

Change title to: Doctor of Nursing Practice Project: Evidence-Based Practice II
Change prerequisite scheme to: NURS 750
Program sheet revision
Effective Fall 2018 (2/27/2018)

Program Modification

DNP, Family Nurse Practitioner: 9611
Program sheet revision
Effective Fall 2018 (2/27/2018)

Kinesiology

Program Addition

MPAS, Physician Assistant
Effective Spring 2019 (9/13/2017)

MS, Sport Management
Effective Fall 2018 (2/27/2018)

Course Addition

KINE 501 Research Methods
3 credit hours with 3 lecture hours
Effective Fall 2018 (2/27/2018)

KINE 502 Sport Marketing
3 credit hours with 3 lecture hours
Effective Fall 2018 (2/27/2018)

KINE 535 Sport in Society
3 credit hours with 3 lecture hours
Effective Fall 2018 (2/27/2018)

KINE 542 Sport Law and Ethics
3 credit hours with 3 lecture hours
Effective Fall 2018 (2/27/2018)

KINE 545 Sport Finance
3 credit hours with 3 lecture hours
Effective Fall 2018 (2/27/2018)

KINE 590 Thesis I
3 credit hours with 3 lecture hours
Effective Fall 2018 (2/27/2018)

KINE 592 Thesis II
3 credit hours with 3 lecture hours
Effective Fall 2018 (2/27/2018)

PHAS 501 Biomedical Science
4 credit hours with 4 lecture hours
Effective Spring 2019 (9/13/2017)

PHAS 502 Clinical Pharmacology
3 credit hours with 3 lecture hours
Effective Spring 2019 (9/13/2017)

PHAS 503 Health Promotion and Disease Prevention
2 credit hours with 2 lecture hours
Effective Spring 2019 (9/13/2017)

PHAS 510 Foundation to Clinical Medicine
2 credit hours with 2 lecture hours
Effective Spring 2019 (9/13/2017)

PHAS 511 Clinical Medicine I
13 credit hours with 13 lecture hours
Effective Spring 2019 (9/13/2017)

PHAS 512 Clinical Medicine II
13 credit hours with 13 lecture hours
Effective Spring 2019 (9/13/2017)

PHAS 513 Clinical Medicine III
13 credit hours with 13 lecture hours
Effective Spring 2019 (9/13/2017)

PHAS 520 History and Physical Exam
2 credit hours with 2 lecture hours
Effective Spring 2019 (9/13/2017)

PHAS 520L History and Physical Exam Lab
1 credit hours with 2 lab hours
Effective Spring 2019 (9/13/2017)

PHAS 521 Patient Assessment, Diagnostics and Clinical Skill Lab I
2 credit hours with 4 lab hours
Effective Spring 2019 (9/13/2017)

PHAS 522 Patient Assessment, Diagnostics and Clinical Skills Lab II
2 credit hours with 4 lab hours
Effective Spring 2019 (9/13/2017)

PHAS 523 Patient Assessment, Diagnostics and Clinical Skills Lab III
2 credit hours with 4 lab hours
Effective Spring 2019 (9/13/2017)

PHAS 530 Introduction to Research and Evidence-Based Medicine
2 credit hours with 2 lecture hours
Effective Spring 2019 (9/13/2017)

PHAS 531 Clinical Reasoning I
2 credit hours with 4 lab hours
Effective Spring 2019 (9/13/2017)

PHAS 532 Clinical Reasoning II
2 credit hours with 4 lab hours
Effective Spring 2019 (9/13/2017)

PHAS 533 Clinical Reasoning III
2 credit hours with 4 lab hours
Effective Spring 2019 (9/13/2017)

PHAS 541 PA Professionalism I
2 credit hours with 2 lecture hours
Effective Spring 2019 (9/13/2017)

PHAS 542 PA Professionalism II
2 credit hours with 2 lecture hours
Effective Spring 2019 (9/13/2017)

PHAS 543 PA Professional Capstone
1 credit hours with
Effective Spring 2019 (9/13/2017)

PHAS 570 Clinical Year Seminar
1 credit hours with 1 lecture hours
Effective Spring 2019 (9/13/2017)

PHAS 571 Family Medicine Rotation
4 credit hours with 10 field hours
Effective Spring 2019 (9/13/2017)

PHAS 572 Behavioral Medicine and Mental Health Rotation
2 credit hours with 5 field hours
Effective Spring 2019 (9/13/2017)

PHAS 573 Internal Medicine Rotation
4 credit hours with 10 field hours
Effective Spring 2019 (9/13/2017)

PHAS 574 Women's Health Rotation
2 credit hours with 5 field hours
Effective Spring 2019 (9/13/2017)

PHAS 575 Pediatric Medicine Rotation
2 credit hours with 5 field hours
Effective Spring 2019 (9/13/2017)

PHAS 576 Surgery Rotation
4 credit hours with 10 field hours
Effective Spring 2019 (9/13/2017)

PHAS 577 Emergency Medicine Rotation

4 credit hours with 10 field hours

Effective Spring 2019 (9/13/2017)

PHAS 578 Inpatient Medicine Rotation

4 credit hours with 10 field hours

Effective Spring 2019 (9/13/2017)

PHAS 579 Elective Rotation I

4 credit hours with 10 field hours

Effective Spring 2019 (9/13/2017)

PHAS 580 Elective Rotation II

4 credit hours with 10 field hours

Effective Spring 2019 (9/13/2017)

PHAS 581 Summative Seminar

1 credit hours with 1 lecture hours

Effective Spring 2019 (9/13/2017)

PHAS 595 Independent Study

1-3 credit hours with 1-3 other hours

Effective Spring 2019 (9/13/2017)

Program Modification

MPAS, Master of Physician Assistant Science

Change program name to: Master of Physician Assistant Studies

Effective Spring 2019 (10/11/2017)

Teacher Ed

Program Addition

Graduate Certificate, Initial Teacher Licensure - K-12 Physical Education

Effective Fall 2018 (2/27/2018)

MAEd, Initial Teacher Licensure - K-12 Physical Education

Effective Fall 2018 (2/27/2018)

Course Addition

EDUC 580F Secondary Instructional Methods for Physical Education

3 credit hours with 3 lecture hours

Effective Fall 2018 (2/27/2018)

EDUC 592C ITL K-12 Physical Education Pre-internship

4 credit hours with 24 other hours

Effective Fall 2018 (2/27/2018)

EDUC 599C ITL 3: Directed Teaching, Physical Education

12 credit hours with 37.5 other hours

Effective Fall 2018 (2/27/2018)

Summary of UCC Actions on Curriculum Proposals

9/12/2018

Proposal	Committee Action	Members (Motion/Second)	Effective Date
<p>1 Course Addition: ATRN 511 Professionalism in Athletic Training/Healthcare Ethics I</p> <p>Hawkins provided an overview of the courses, their alignment with accreditation requirements, and how they contribute to the overall structure of the program.</p>	Approved	Chovich, Hall	Summer 2019
<p>2 Course Addition: ATRN 512 Professionalism in Athletic Training/Healthcare Ethics II</p> <p>Hawkins provided an overview of the courses, their alignment with accreditation requirements, and how they contribute to the overall structure of the program.</p>	Approved	Chovich, Hall	Spring 2021
<p>3 Course Addition: ATRN 513 Administration in Athletic Training</p> <p>Hawkins provided an overview of the courses, their alignment with accreditation requirements, and how they contribute to the overall structure of the program.</p>	Approved	Chovich, Hall	Fall 2020
<p>4 Course Addition: ATRN 521 Injury and Illness Diagnosis and Management I</p> <p>Hawkins provided an overview of the courses, their alignment with accreditation requirements, and how they contribute to the overall structure of the program.</p>	Approved	Chovich, Hall	Fall 2019
<p>5 Course Addition: ATRN 522 Injury and Illness Diagnosis and Management II</p> <p>Hawkins provided an overview of the courses, their alignment with accreditation requirements, and how they contribute to the overall structure of the program. Benzin requested a correction to the final date on the form from 5018 to 2018.</p>	Approved	Chovich, Hall	Spring 2020
<p>6 Course Addition: ATRN 523 Advanced Therapeutic Interventions</p> <p>Hawkins provided an overview of the courses, their alignment with accreditation requirements, and how they contribute to the overall structure of the program.</p>	Approved	Chovich, Hall	Summer 2020
<p>7 Course Addition: ATRN 524 Pharmacology and Sport Performance</p> <p>Hawkins provided an overview of the courses, their alignment with accreditation requirements, and how they contribute to the overall structure of the program.</p>	Approved	Chovich, Hall	Spring 2021
<p>8 Course Addition: ATRN 531 Clinical Education in Athletic Training I</p> <p>Hawkins provided an overview of the courses, their alignment with accreditation requirements, and how they contribute to the overall structure of the program.</p>	Approved	Chovich, Hall	Fall 2019

<p>9 Course Addition: ATRN 532 Clinical Education in Athletic Training II</p>	<p>Approved</p>	<p>Chovich, Hall</p>	<p>Spring 2020</p>
<p>Hawkins provided an overview of the courses, their alignment with accreditation requirements, and how they contribute to the overall structure of the program.</p>			
<p>10 Course Addition: ATRN 533 Clinical Education in Athletic Training III</p>	<p>Approved</p>	<p>Chovich, Hall</p>	<p>Fall 2020</p>
<p>Hawkins provided an overview of the courses, their alignment with accreditation requirements, and how they contribute to the overall structure of the program.</p>			
<p>11 Course Addition: ATRN 534 Clinical Education in Athletic Training IV</p>	<p>Approved</p>	<p>Chovich, Hall</p>	<p>Spring 2021</p>
<p>Hawkins provided an overview of the courses, their alignment with accreditation requirements, and how they contribute to the overall structure of the program.</p>			
<p>12 Course Addition: KINE 502 Research Methods II</p>	<p>Approved</p>	<p>Chovich, Hall</p>	<p>Spring 2020</p>
<p>Hawkins provided an overview of the courses, their alignment with accreditation requirements, and how they contribute to the overall structure of the program.</p>			
<p>13 Program Addition: MS Athletic Training</p>	<p>Approved</p>	<p>Chovich, Hall</p>	<p>Summer 2019</p>
<p>Hawkins provided a brief overview of the program and answered questions from the committee.</p>			

Curriculum Committee Proposal Summary

9/12/2018

Course Additions

ATRN 511

Credit Hours 1

Course Title: Professionalism in Athletic Training/Healthcare Ethics I

Abbreviated Title: Prof in AT Ethics I

Contact hours per week: Lecture 1 Lab Field Studio Other

Type of Instructional Activity: Lecture

Academic engagement minutes: 750 Student preparation minutes: 3000

Intended semesters for offering this course: Fall J-Term Spring Summer

Intended semester to offer course 1st time: Summer 2019

Number of times course may be taken for credit: 1

Essential Learning Course: Yes No

Prerequisites: Yes No

Admission to the MS Athletic Training program

Prerequisite for other course(s): Yes No

Co-requisites: Yes No

Requirement or listed choice for any program of study: Yes No

Course is a requirement for a new program:

MS - Athletic Training

Overlapping content with present courses offered on campus: Yes No

Additional faculty FTE required: Yes No

The program will require an additional faculty member in order to be compliant with accreditation standards.

Additional equipment required: Yes No

Additional lab facilities required: Yes No

Course description for catalog:

Introduction to Athletic Training profession. Foundational athletic training skills and programmatic and professional policies, procedures, and standards of practice.

Justification:

This course is part of the curriculum for the new MS - Athletic Training degree. Specific competencies and proficiencies outlined by the Commission on Accreditation of Athletic Training Education will be covered in this course, making it a requirement for this program.

Topical course outline:

Athletic Training Basics - evaluation, documentation, taping/wrapping/bracing, therapeutic modality use.

Student Learning Outcomes:

Advocate for the health needs of clients, patients, communities, and populations.

Identify health care delivery strategies that account for health literacy and a variety of social determinants of health.

Communicate effectively and appropriately with clients/patients, family members, coaches, administrators, other health care professionals, consumers, payors, policy makers, and others.

Practice in collaboration with other health care and wellness professionals.

Practice in a manner that is congruent with the ethical standards of the profession.

Practice health care in a manner that is compliant with the BOC Standards of Professional Practice and applicable institutional/organizational, local, state, and federal laws, regulations, rules, and guidelines.

Course Additions

Self-assess professional competence and create professional development plans according to personal and professional goals and requirements.

Advocate for the profession.

Monitor and evaluate environmental conditions to make appropriate recommendations to start, stop, or modify activity in order to prevent environmental illness or injury.

Select, fit, and remove protective equipment to minimize the risk of injury or re-injury.

Establish a working relationship with a directing or collaborating physician.

Discussions with affected departments:

N/A

Proposed by: Jeremy Hawkins

Expected Implementation: Summer 2019

Course Additions

ATRN 512

Credit Hours 3

Course Title: Professionalism in Athletic Training/Healthcare Ethics II

Abbreviated Title: Prof in AT Ethics II

Contact hours per week: Lecture 3 Lab Field Studio Other

Type of Instructional Activity: Lecture

Academic engagement minutes: 2250 Student preparation minutes: 9000

Intended semesters for offering this course: Fall J-Term Spring Summer

Intended semester to offer course 1st time: Spring 2021

Number of times course may be taken for credit: 1

Essential Learning Course: Yes No

Prerequisites: Yes No

ATRN 511

Prerequisite for other course(s): Yes No

Co-requisites: Yes No

Requirement or listed choice for any program of study: Yes No

Course is a requirement for a new program:

MS - Athletic Training

Overlapping content with present courses offered on campus: Yes No

Additional faculty FTE required: Yes No

The program will require an additional faculty member in order to be compliant with accreditation standards.

Additional equipment required: Yes No

Additional lab facilities required: Yes No

Course description for catalog:

Survey of experience and knowledge gained in Athletic Training Program. Certification examination preparation, employment preparation, and capstone experience.

Justification:

This course is part of the curriculum for the new MS - Athletic Training degree. Specific competencies and proficiencies outlined by the Commission on Accreditation of Athletic Training Education will be covered in this course, making it a requirement for this program.

Topical course outline:

Board of Certification (BOC) exam preparation

Written exit exam

Resumes, cover letters, interview skills

Capstone experience/presentation

Student Learning Outcomes:

Advocate for the health needs of clients, patients, communities, and populations.

Identify health care delivery strategies that account for health literacy and a variety of social determinants of health.

Practice in a manner that is congruent with the ethical standards of the profession.

Practice health care in a manner that is compliant with the BOC Standards of Professional Practice and applicable institutional/organizational, local, state, and federal laws, regulations, rules, and guidelines.

Course Additions

Self-assess professional competence and create professional development plans according to personal and professional goals and requirements.

Advocate for the profession.

Establish a working relationship with a directing or collaborating physician.

Discussions with affected departments:

N/A

Proposed by: Jeremy Hawkins

Expected Implementation: Spring 2021

Course Additions

ATRN 513

Credit Hours 3

Course Title: Administration in Athletic Training

Abbreviated Title: Admin in Athletic Training

Contact hours per week: Lecture 3 Lab Field Studio Other

Type of Instructional Activity: Lecture

Academic engagement minutes: 2250 Student preparation minutes: 9000

Intended semesters for offering this course: Fall J-Term Spring Summer

Intended semester to offer course 1st time: Fall 2020

Number of times course may be taken for credit: 1

Essential Learning Course: Yes No

Prerequisites: Yes No

ATRN 511

Prerequisite for other course(s): Yes No

Co-requisites: Yes No

Requirement or listed choice for any program of study: Yes No

Course is a requirement for a new program:

MS - Athletic Training

Overlapping content with present courses offered on campus: Yes No

Additional faculty FTE required: Yes No

The program will require an additional faculty member in order to be compliant with accreditation standards.

Additional equipment required: Yes No

Additional lab facilities required: Yes No

Course description for catalog:

Exploration of Athletic Training administration. Concentration on human resources, healthcare delivery models, payor systems, facility design and function, and budgets.

Justification:

This course is part of the curriculum for the new MS - Athletic Training degree. Specific competencies and proficiencies outlined by the Commission on Accreditation of Athletic Training Education will be covered in this course, making it a requirement for this program.

Topical course outline:

Human resources
Healthcare delivery
Payor systems
Facility design and function
Budgets

Student Learning Outcomes:

Identify health care delivery strategies that account for health literacy and a variety of social determinants of health.

Communicate effectively and appropriately with clients/patients, family members, coaches, administrators, other health care professionals, consumers, payors, policy makers, and others.

Use the International Classification of Functioning, Disability, and Health (ICF) as a framework for

Course Additions

delivery of patient care and communication about patient care.

Use systems of quality assurance and quality improvement to enhance client/patient care.

Apply contemporary principles and practices of health informatics to the administration and delivery of patient care.

Practice health care in a manner that is compliant with the BOC Standards of Professional Practice and applicable institutional/organizational, local, state, and federal laws, regulations, rules, and guidelines.

Develop a care plan for each patient.

Plan and implement a comprehensive preparticipation examination process to affect health outcomes.

Perform administrative duties related to the management of physical, human, and financial resources in the delivery of health care services.

Use a comprehensive patient-file management system (including diagnostic and procedural codes) for documentation of patient care and health insurance management.

Establish a working relationship with a directing or collaborating physician.

Develop, implement, and revise policies and procedures to guide the daily operation of athletic training services.

Develop, implement, and revise policies that pertain to prevention, preparedness, and response to medical emergencies and other critical incidents.

Develop and implement specific policies and procedures for individuals who have sustained concussions or other brain injuries.

Develop and implement specific policies and procedures for the purposes of identifying patients with behavioral health problems and referring patients in crisis to qualified providers.

Discussions with affected departments:

N/A

Proposed by: Jeremy Hawkins

Expected Implementation: Fall 2020

Course Additions

ATRN 521

Credit Hours 4

Course Title: Injury and Illness Diagnosis and Management I

Abbreviated Title: Injury/Illness Diag & Mgmt I

Contact hours per week: Lecture 4 Lab Field Studio Other

Type of Instructional Activity: Lecture

Academic engagement minutes: 3000 Student preparation minutes: 12000

Intended semesters for offering this course: Fall J-Term Spring Summer

Intended semester to offer course 1st time: Fall 2019

Number of times course may be taken for credit: 1

Essential Learning Course: Yes No

Prerequisites: Yes No

Admission to the MS Athletic Training program.

Prerequisite for other course(s): Yes No

Co-requisites: Yes No

Requirement or listed choice for any program of study: Yes No

Course is a requirement for a new program:

MS - Athletic Training

Overlapping content with present courses offered on campus: Yes No

Additional faculty FTE required: Yes No

The program will require an additional faculty member in order to be compliant with accreditation standards.

Additional equipment required: Yes No

Additional lab facilities required: Yes No

Course description for catalog:

Evaluation techniques and care of common injuries and illnesses. Integration of anatomical structures, physiology principles, and evaluation techniques to provide a basis for clinical decision making in an injury/illness management environment. Review of the theoretical and scientific basis for, and practical use of, traditional therapeutic interventions utilized in the treatment of acute and chronic injury and illness.

Justification:

This course is part of the curriculum for the new MS - Athletic Training degree. Specific competencies and proficiencies outlined by the Commission on Accreditation of Athletic Training Education will be covered in this course, making it a requirement for this program.

Topical course outline:

Evaluation of common injuries and illnesses, including injuries and illnesses involving the head, knee, shoulder, and ankle

Associated therapeutic interventions

Associated athletic training skills

Advanced anatomy as related to body parts covered

Student Learning Outcomes:

Incorporate patient education and self-care programs to engage patients and their families and friends to participate in their care and recovery.

Course Additions

Use the International Classification of Functioning, Disability, and Health (ICF) as a framework for delivery of patient care and communication about patient care.

Provide athletic training services in a manner that uses evidence to inform practice.

Apply contemporary principles and practices of health informatics to the administration and delivery of patient care.

Develop a care plan for each patient.

Evaluate and manage patients with acute conditions, including triaging conditions that are life threatening or otherwise emergent.

Perform an examination to formulate a diagnosis and plan of care for patients with health conditions commonly seen in athletic training practice.

Perform or obtain the necessary and appropriate diagnostic or laboratory tests-including (but not limited to) imaging, blood work, urinalysis, and electrocardiogram-to facilitate diagnosis, referral, and treatment planning.

Select and incorporate interventions (for pre-op patients, post-op patients, and patients with nonsurgical conditions) that align with the care plan.

Educate patients regarding appropriate pharmacological agents for the management of their condition, including indications, contraindications, dosing, interactions, and adverse reactions.

Administer medications or other therapeutic agents by the appropriate route of administration upon the order of a physician or other provider with legal prescribing authority.

Evaluate and treat a patient who has sustained a concussion or other brain injury, with consideration of established guidelines.

Identify, refer, and give support to patients with behavioral health conditions. Work with other health care professionals to monitor these patients' treatment, compliance, progress, and readiness to participate.

Select, fabricate, and/or customize prophylactic, assistive, and restrictive devices, materials, and techniques for incorporation into the plan of care.

Develop, implement, and assess the effectiveness of programs to reduce injury risk.

Plan and implement a comprehensive preparticipation examination process to affect health outcomes.

Select, fit, and remove protective equipment to minimize the risk of injury or re-injury.

Select and use biometrics and physiological monitoring systems and translate the data into effective preventive measures, clinical interventions, and performance enhancement.

Develop and implement specific policies and procedures for individuals who have sustained concussions or other brain injuries.

Develop and implement specific policies and procedures for the purposes of identifying patients with behavioral health problems and referring patients in crisis to qualified providers.

Discussions with affected departments:

N/A

Proposed by: Jeremy Hawkins

Expected Implementation: Fall 2019

Course Additions

ATRN 522

Credit Hours 4

Course Title: Injury and Illness Diagnosis and Management II

Abbreviated Title: Injury/Illness Diag & Mgmt II

Contact hours per week: Lecture 4 Lab Field Studio Other

Type of Instructional Activity: Lecture

Academic engagement minutes: 3000 Student preparation minutes: 12000

Intended semesters for offering this course: Fall J-Term Spring Summer

Intended semester to offer course 1st time: Spring 2020

Number of times course may be taken for credit: 1

Essential Learning Course: Yes No

Prerequisites: Yes No

ATRN 521

Prerequisite for other course(s): Yes No

Co-requisites: Yes No

Requirement or listed choice for any program of study: Yes No

Course is a requirement for a new program:

MS - Athletic Training

Overlapping content with present courses offered on campus: Yes No

Additional faculty FTE required: Yes No

The program will require an additional faculty member in order to be compliant with accreditation standards.

Additional equipment required: Yes No

Additional lab facilities required: Yes No

Course description for catalog:

Evaluation techniques and care of less common injuries and illnesses. Integration of anatomical structures, physiology principles, and evaluation techniques to provide a basis for clinical decision making in an injury/illness management environment. Review of the theoretical and scientific basis for, and practical use of, traditional therapeutic interventions utilized in the treatment of acute and chronic injury and illness.

Justification:

This course is part of the curriculum for the new MS - Athletic Training degree. Specific competencies and proficiencies outlined by the Commission on Accreditation of Athletic Training Education will be covered in this course, making it a requirement for this program.

Topical course outline:

Evaluation of less common injuries and illnesses, including injuries and illnesses involving the elbow, wrist, lower back, and feet

Evaluation of general medical conditions

Associated therapeutic interventions

Associated athletic training skills

Advanced anatomy as related to body parts covered

Student Learning Outcomes:

Incorporate patient education and self-care programs to engage patients and their families and friends

Course Additions

to participate in their care and recovery.

Use the International Classification of Functioning, Disability, and Health (ICF) as a framework for delivery of patient care and communication about patient care.

Provide athletic training services in a manner that uses evidence to inform practice.

Apply contemporary principles and practices of health informatics to the administration and delivery of patient care.

Develop a care plan for each patient.

Evaluate and manage patients with acute conditions, including triaging conditions that are life threatening or otherwise emergent.

Perform an examination to formulate a diagnosis and plan of care for patients with health conditions commonly seen in athletic training practice.

Perform or obtain the necessary and appropriate diagnostic or laboratory tests-including (but not limited to) imaging, blood work, urinalysis, and electrocardiogram-to facilitate diagnosis, referral, and treatment planning.

Select and incorporate interventions (for pre-op patients, post-op patients, and patients with nonsurgical conditions) that align with the care plan.

Educate patients regarding appropriate pharmacological agents for the management of their condition, including indications, contraindications, dosing, interactions, and adverse reactions.

Administer medications or other therapeutic agents by the appropriate route of administration upon the order of a physician or other provider with legal prescribing authority.

Identify, refer, and give support to patients with behavioral health conditions. Work with other health care professionals to monitor these patients' treatment, compliance, progress, and readiness to participate.

Select, fabricate, and/or customize prophylactic, assistive, and restrictive devices, materials, and techniques for incorporation into the plan of care.

Develop and implement strategies to mitigate the risk for long-term health conditions across the lifespan.

Develop, implement, and assess the effectiveness of programs to reduce injury risk.

Plan and implement a comprehensive preparticipation examination process to affect health outcomes.

Select, fit, and remove protective equipment to minimize the risk of injury or re-injury.

Select and use biometrics and physiological monitoring systems and translate the data into effective preventive measures, clinical interventions, and performance enhancement.

Develop and implement specific policies and procedures for the purposes of identifying patients with behavioral health problems and referring patients in crisis to qualified providers.

Discussions with affected departments:

N/A

Proposed by: Jeremy Hawkins

Expected Implementation: Spring 2020

Course Additions

ATRN 523

Credit Hours 1

Course Title: Advanced Therapeutic Interventions

Abbreviated Title: Adv Therapeutic Interventions

Contact hours per week: Lecture 1 Lab Field Studio Other

Type of Instructional Activity: Lecture

Academic engagement minutes: 750 Student preparation minutes: 3000

Intended semesters for offering this course: Fall J-Term Spring Summer

Intended semester to offer course 1st time: Summer 2020

Number of times course may be taken for credit: 1

Essential Learning Course: Yes No

Prerequisites: Yes No

ATRN 522

Prerequisite for other course(s): Yes No

Co-requisites: Yes No

Requirement or listed choice for any program of study: Yes No

Course is a requirement for a new program:

MS - Athletic Training

Overlapping content with present courses offered on campus: Yes No

Additional faculty FTE required: Yes No

The program will require an additional faculty member in order to be compliant with accreditation standards.

Additional equipment required: Yes No

Additional lab facilities required: Yes No

Course description for catalog:

Exploration of emerging and/or advanced therapeutic interventions. Review of the theoretical and scientific basis for, and practical use of, emerging and/or advanced therapeutic interventions utilized in the treatment of acute and chronic injury and illness.

Justification:

This course is part of the curriculum for the new MS - Athletic Training degree. Specific competencies and proficiencies outlined by the Commission on Accreditation of Athletic Training Education will be covered in this course, making it a requirement for this program.

Topical course outline:

The following topics will be covered during this course:

- Mulligan Concept
- Positional Release Therapy
- Total Motion Release
- Selective Functional Movement Screen/ Functional Movement Screen
- Breathing
- Instrument assisted soft tissue mobilization (IASTM)
- Neurodynamics

Student Learning Outcomes:

Develop a care plan for each patient.

Course Additions

Evaluate and manage patients with acute conditions, including triaging conditions that are life threatening or otherwise emergent.

Perform an examination to formulate a diagnosis and plan of care for patients with health conditions commonly seen in athletic training practice.

Select and incorporate interventions (for pre-op patients, post-op patients, and patients with nonsurgical conditions) that align with the care plan.

Identify patterns for postural and movement imbalances.

Develop appropriate treatment strategies for musculoskeletal injuries and imbalances based on tonal, tissue, or neural origins.

Apply knowledge of postural and muscular imbalance patterns to one's clinical reasoning.

Determine the efficacy of advanced/novel therapeutic interventions.

Understand the theory, value, and application of advanced/novel therapeutic interventions in one's patient care.

Discussions with affected departments:

N/A

Proposed by: Jeremy Hawkins

Expected Implementation: Summer 2020

Course Additions

ATRN 524

Credit Hours 3

Course Title: Pharmacology and Sport Performance

Abbreviated Title: Pharmacology/Sport Performance

Contact hours per week: Lecture 3 Lab Field Studio Other

Type of Instructional Activity: Lecture

Academic engagement minutes: 2250 Student preparation minutes: 9000

Intended semesters for offering this course: Fall J-Term Spring Summer

Intended semester to offer course 1st time: Spring 2021

Number of times course may be taken for credit: 1

Essential Learning Course: Yes No

Prerequisites: Yes No

ATRN 523

Prerequisite for other course(s): Yes No

Co-requisites: Yes No

Requirement or listed choice for any program of study: Yes No

Course is a requirement for a new program:

MS - Athletic Training

Overlapping content with present courses offered on campus: Yes No

Aspects of the pharmacology content covered in this course is covered in KINE 430 - Medical Conditions and Pharmacology in Sports. Aspects of the sport performance content covered in this course is covered in KINE 403 - Advanced Strength and Conditioning, KINE 404 - Clinical Exercise Physiology and Advanced Exercise Prescription, and KINE 405 - Sports Nutrition. Accreditation requirements dictate this content must also be covered at the graduate level. Information will be expanded upon making this proposed course different and more advanced than the undergraduate courses.

Additional faculty FTE required: Yes No

The program will require an additional faculty member in order to be compliant with accreditation standards.

Additional equipment required: Yes No

Additional lab facilities required: Yes No

Course description for catalog:

Exploration of pharmacology and sport performance in an athletic patient population. Review of the basics of pharmacology, supplements, and wellness/healthy nutrition, as well as the components of a comprehensive program to maximize sport performance.

Justification:

This course is part of the curriculum for the new MS - Athletic Training degree. Specific competencies and proficiencies outlined by the Commission on Accreditation of Athletic Training Education will be covered in this course, making it a requirement for this program.

Topical course outline:

Basics of pharmacology
Supplements
Wellness/Healthy Nutrition
Comprehensive program to maximize sport performance

Course Additions

Student Learning Outcomes:

Incorporate patient education and self-care programs to engage patients and their families and friends to participate in their care and recovery.

Use the International Classification of Functioning, Disability, and Health (ICF) as a framework for delivery of patient care and communication about patient care.

Provide athletic training services in a manner that uses evidence to inform practice.

Apply contemporary principles and practices of health informatics to the administration and delivery of patient care.

Practice health care in a manner that is compliant with the BOC Standards of Professional Practice and applicable institutional/organizational, local, state, and federal laws, regulations, rules, and guidelines.

Develop a care plan for each patient.

Evaluate and manage patients with acute conditions, including triaging conditions that are life threatening or otherwise emergent.

Perform an examination to formulate a diagnosis and plan of care for patients with health conditions commonly seen in athletic training practice.

Perform or obtain the necessary and appropriate diagnostic or laboratory tests-including (but not limited to) imaging, blood work, urinalysis, and electrocardiogram-to facilitate diagnosis, referral, and treatment planning.

Select and incorporate interventions (for pre-op patients, post-op patients, and patients with nonsurgical conditions) that align with the care plan.

Educate patients regarding appropriate pharmacological agents for the management of their condition, including indications, contraindications, dosing, interactions, and adverse reactions.

Administer medications or other therapeutic agents by the appropriate route of administration upon the order of a physician or other provider with legal prescribing authority.

Develop and implement strategies to mitigate the risk for long-term health conditions across the lifespan.

Develop, implement, and assess the effectiveness of programs to reduce injury risk.

Develop, implement, and supervise comprehensive programs to maximize sport performance that are safe and specific to the client's activity.

Educate and make recommendations to clients/patients on fluids and nutrients to ingest prior to activity, during activity, and during recovery for a variety of activities and environmental conditions.

Educate clients/patients about the effects, participation consequences, and risks of misuse and abuse of alcohol, tobacco, performance-enhancing drugs/substances, and over-the-counter, prescription, and recreational drugs.

Select and use biometrics and physiological monitoring systems and translate the data into effective preventive measures, clinical interventions, and performance enhancement.

Develop and implement specific policies and procedures for the purposes of identifying patients with behavioral health problems and referring patients in crisis to qualified providers.

Discussions with affected departments:

N/A

Proposed by: Jeremy Hawkins

Expected Implementation: Spring 2021

Course Additions

ATRN 531

Credit Hours 2

Course Title: Clinical Education in Athletic Training I

Abbreviated Title: Clinical Education in AT I

Contact hours per week: Lecture Lab Field Studio Other 2

Type of Instructional Activity: Internship/Practicum

Academic engagement minutes: 9000 Student preparation minutes: 1500

Intended semesters for offering this course: Fall J-Term Spring Summer

Intended semester to offer course 1st time: Fall 2019

Number of times course may be taken for credit: 1

Essential Learning Course: Yes No

Prerequisites: Yes No

Admission to the MS Athletic Training program

Prerequisite for other course(s): Yes No

Co-requisites: Yes No

Requirement or listed choice for any program of study: Yes No

Course is a requirement for a new program:

MS - Athletic Training

Overlapping content with present courses offered on campus: Yes No

Additional faculty FTE required: Yes No

The program will require an additional faculty member in order to be compliant with accreditation standards.

Additional equipment required: Yes No

Additional lab facilities required: Yes No

Course description for catalog:

Exploration of athletic training clinical experiences. Concentration on development of clinical skills as a novice clinician with focus on patient-centered care, evidence-based practice, and critical thinking.

Justification:

This course is part of the curriculum for the new MS - Athletic Training degree. Specific competencies and proficiencies outlined by the Commission on Accreditation of Athletic Training Education will be covered in this course, making it a requirement for this program.

Topical course outline:

Receive credit for clinical hours

Practice of clinical skills; each rotation ending with an objective structured clinical examination (OSCE)

Weekly meetings combined with second year students focusing on patient-centered care, evidence-based practice, and critical thinking

Student Learning Outcomes:

Incorporate patient education and self-care programs to engage patients and their families and friends to participate in their care and recovery.

Communicate effectively and appropriately with clients/patients, family members, coaches, administrators, other health care professionals, consumers, payors, policy makers, and others.

Use the International Classification of Functioning, Disability, and Health (ICF) as a framework for delivery of patient care and communication about patient care.

Course Additions

Practice in collaboration with other health care and wellness professionals.
Provide athletic training services in a manner that uses evidence to inform practice.
Use systems of quality assurance and quality improvement to enhance client/patient care.
Apply contemporary principles and practices of health informatics to the administration and delivery of patient care.
Practice in a manner that is congruent with the ethical standards of the profession.
Practice health care in a manner that is compliant with the BOC Standards of Professional Practice and applicable institutional/organizational, local, state, and federal laws, regulations, rules, and guidelines.
Develop a care plan for each patient.
Evaluate and manage patients with acute conditions, including triaging conditions that are life threatening or otherwise emergent.
Perform an examination to formulate a diagnosis and plan of care for patients with health conditions commonly seen in athletic training practice.
Perform or obtain the necessary and appropriate diagnostic or laboratory tests-including (but not limited to) imaging, blood work, urinalysis, and electrocardiogram-to facilitate diagnosis, referral, and treatment planning.
Select and incorporate interventions (for pre-op patients, post-op patients, and patients with nonsurgical conditions) that align with the care plan.
Evaluate and treat a patient who has sustained a concussion or other brain injury, with consideration of established guidelines.
Select, fabricate, and/or customize prophylactic, assistive, and restrictive devices, materials, and techniques for incorporation into the plan of care.
Develop and implement strategies to mitigate the risk for long-term health conditions across the lifespan.
Develop, implement, and assess the effectiveness of programs to reduce injury risk.
Develop, implement, and supervise comprehensive programs to maximize sport performance that are safe and specific to the client's activity.
Educate and make recommendations to clients/patients on fluids and nutrients to ingest prior to activity, during activity, and during recovery for a variety of activities and environmental conditions.
Educate clients/patients about the effects, participation consequences, and risks of misuse and abuse of alcohol, tobacco, performance-enhancing drugs/substances, and over-the-counter, prescription, and recreational drugs.
Monitor and evaluate environmental conditions to make appropriate recommendations to start, stop, or modify activity in order to prevent environmental illness or injury.
Select, fit, and remove protective equipment to minimize the risk of injury or re-injury.
Select and use biometrics and physiological monitoring systems and translate the data into effective preventive measures, clinical interventions, and performance enhancement.
Use a comprehensive patient-file management system (including diagnostic and procedural codes) for documentation of patient care and health insurance management.
Develop and implement specific policies and procedures for individuals who have sustained concussions or other brain injuries.
Develop and implement specific policies and procedures for the purposes of identifying patients with behavioral health problems and referring patients in crisis to qualified providers.

Discussions with affected departments:

N/A

Proposed by: Jeremy Hawkins

Expected Implementation: Fall 2019

Course Additions

ATRN 532

Credit Hours 2

Course Title: Clinical Education in Athletic Training II

Abbreviated Title: Clinical Education in AT II

Contact hours per week: Lecture Lab Field Studio Other 2

Type of Instructional Activity: Internship/Practicum

Academic engagement minutes: 9000 Student preparation minutes: 1500

Intended semesters for offering this course: Fall J-Term Spring Summer

Intended semester to offer course 1st time: Spring 2020

Number of times course may be taken for credit: 1

Essential Learning Course: Yes No

Prerequisites: Yes No

ATRN 531

Prerequisite for other course(s): Yes No

Co-requisites: Yes No

Requirement or listed choice for any program of study: Yes No

Course is a requirement for a new program:

MS - Athletic Training

Overlapping content with present courses offered on campus: Yes No

Additional faculty FTE required: Yes No

The program will require an additional faculty member in order to be compliant with accreditation standards.

Additional equipment required: Yes No

Additional lab facilities required: Yes No

Course description for catalog:

Exploration of athletic training clinical experiences. Concentration on development of clinical skills as an advanced beginner clinician with focus on patient-centered care, evidence-based practice, and critical thinking.

Justification:

This course is part of the curriculum for the new MS - Athletic Training degree. Specific competencies and proficiencies outlined by the Commission on Accreditation of Athletic Training Education will be covered in this course, making it a requirement for this program.

Topical course outline:

Receive credit for clinical hours

Practice of clinical skills; each rotation ending with an objective structured clinical examination (OSCE)

Weekly meetings combined with second year students focusing on patient-centered care, evidence-based practice, and critical thinking

Student Learning Outcomes:

Incorporate patient education and self-care programs to engage patients and their families and friends to participate in their care and recovery.

Communicate effectively and appropriately with clients/patients, family members, coaches, administrators, other health care professionals, consumers, payors, policy makers, and others.

Use the International Classification of Functioning, Disability, and Health (ICF) as a framework for

Course Additions

delivery of patient care and communication about patient care.
Practice in collaboration with other health care and wellness professionals.
Provide athletic training services in a manner that uses evidence to inform practice.
Use systems of quality assurance and quality improvement to enhance client/patient care.
Apply contemporary principles and practices of health informatics to the administration and delivery of patient care.
Practice in a manner that is congruent with the ethical standards of the profession.
Practice health care in a manner that is compliant with the BOC Standards of Professional Practice and applicable institutional/organizational, local, state, and federal laws, regulations, rules, and guidelines.
Develop a care plan for each patient.
Evaluate and manage patients with acute conditions, including triaging conditions that are life threatening or otherwise emergent.
Perform an examination to formulate a diagnosis and plan of care for patients with health conditions commonly seen in athletic training practice.
Perform or obtain the necessary and appropriate diagnostic or laboratory tests-including (but not limited to) imaging, blood work, urinalysis, and electrocardiogram-to facilitate diagnosis, referral, and treatment planning.
Select and incorporate interventions (for pre-op patients, post-op patients, and patients with nonsurgical conditions) that align with the care plan.
Evaluate and treat a patient who has sustained a concussion or other brain injury, with consideration of established guidelines.
Select, fabricate, and/or customize prophylactic, assistive, and restrictive devices, materials, and techniques for incorporation into the plan of care.
Develop and implement strategies to mitigate the risk for long-term health conditions across the lifespan.
Develop, implement, and assess the effectiveness of programs to reduce injury risk.
Develop, implement, and supervise comprehensive programs to maximize sport performance that are safe and specific to the client's activity.
Educate and make recommendations to clients/patients on fluids and nutrients to ingest prior to activity, during activity, and during recovery for a variety of activities and environmental conditions.
Educate clients/patients about the effects, participation consequences, and risks of misuse and abuse of alcohol, tobacco, performance-enhancing drugs/substances, and over-the-counter, prescription, and recreational drugs.
Monitor and evaluate environmental conditions to make appropriate recommendations to start, stop, or modify activity in order to prevent environmental illness or injury.
Select, fit, and remove protective equipment to minimize the risk of injury or re-injury.
Select and use biometrics and physiological monitoring systems and translate the data into effective preventive measures, clinical interventions, and performance enhancement.
Use a comprehensive patient-file management system (including diagnostic and procedural codes) for documentation of patient care and health insurance management.
Develop and implement specific policies and procedures for individuals who have sustained concussions or other brain injuries.
Develop and implement specific policies and procedures for the purposes of identifying patients with behavioral health problems and referring patients in crisis to qualified providers.

Discussions with affected departments:

N/A

Proposed by: Jeremy Hawkins

Expected Implementation: Spring 2020

Course Additions

ATRN 533

Credit Hours 2

Course Title: Clinical Education in Athletic Training III

Abbreviated Title: Clinical Education in AT III

Contact hours per week: Lecture Lab Field Studio Other 2

Type of Instructional Activity: Internship/Practicum

Academic engagement minutes: 9000 Student preparation minutes: 1500

Intended semesters for offering this course: Fall J-Term Spring Summer

Intended semester to offer course 1st time: Fall 2020

Number of times course may be taken for credit: 1

Essential Learning Course: Yes No

Prerequisites: Yes No

ATRN 532

Prerequisite for other course(s): Yes No

Co-requisites: Yes No

Requirement or listed choice for any program of study: Yes No

Course is a requirement for a new program:

MS - Athletic Training

Overlapping content with present courses offered on campus: Yes No

Additional faculty FTE required: Yes No

The program will require an additional faculty member in order to be compliant with accreditation standards.

Additional equipment required: Yes No

Additional lab facilities required: Yes No

Course description for catalog:

Exploration of athletic training clinical experiences. Concentration on application of clinical skills as a competent clinician with focus on patient-centered care, evidence-based practice, and critical thinking.

Justification:

This course is part of the curriculum for the new MS - Athletic Training degree. Specific competencies and proficiencies outlined by the Commission on Accreditation of Athletic Training Education will be covered in this course, making it a requirement for this program.

Topical course outline:

Immersion experience; receive credit for clinical hours

Weekly meetings combined with first year students focusing on patient-centered care, evidence-based practice, and critical thinking

Student Learning Outcomes:

Incorporate patient education and self-care programs to engage patients and their families and friends to participate in their care and recovery.

Communicate effectively and appropriately with clients/patients, family members, coaches, administrators, other health care professionals, consumers, payors, policy makers, and others.

Use the International Classification of Functioning, Disability, and Health (ICF) as a framework for delivery of patient care and communication about patient care.

Practice in collaboration with other health care and wellness professionals.

Course Additions

Provide athletic training services in a manner that uses evidence to inform practice.

Use systems of quality assurance and quality improvement to enhance client/patient care.

Apply contemporary principles and practices of health informatics to the administration and delivery of patient care.

Practice in a manner that is congruent with the ethical standards of the profession.

Practice health care in a manner that is compliant with the BOC Standards of Professional Practice and applicable institutional/organizational, local, state, and federal laws, regulations, rules, and guidelines.

Develop a care plan for each patient.

Evaluate and manage patients with acute conditions, including triaging conditions that are life threatening or otherwise emergent.

Perform an examination to formulate a diagnosis and plan of care for patients with health conditions commonly seen in athletic training practice.

Perform or obtain the necessary and appropriate diagnostic or laboratory tests-including (but not limited to) imaging, blood work, urinalysis, and electrocardiogram-to facilitate diagnosis, referral, and treatment planning.

Select and incorporate interventions (for pre-op patients, post-op patients, and patients with nonsurgical conditions) that align with the care plan.

Evaluate and treat a patient who has sustained a concussion or other brain injury, with consideration of established guidelines.

Select, fabricate, and/or customize prophylactic, assistive, and restrictive devices, materials, and techniques for incorporation into the plan of care.

Develop and implement strategies to mitigate the risk for long-term health conditions across the lifespan.

Develop, implement, and assess the effectiveness of programs to reduce injury risk.

Develop, implement, and supervise comprehensive programs to maximize sport performance that are safe and specific to the client's activity.

Educate and make recommendations to clients/patients on fluids and nutrients to ingest prior to activity, during activity, and during recovery for a variety of activities and environmental conditions.

Educate clients/patients about the effects, participation consequences, and risks of misuse and abuse of alcohol, tobacco, performance-enhancing drugs/substances, and over-the-counter, prescription, and recreational drugs.

Monitor and evaluate environmental conditions to make appropriate recommendations to start, stop, or modify activity in order to prevent environmental illness or injury.

Select, fit, and remove protective equipment to minimize the risk of injury or re-injury.

Select and use biometrics and physiological monitoring systems and translate the data into effective preventive measures, clinical interventions, and performance enhancement.

Use a comprehensive patient-file management system (including diagnostic and procedural codes) for documentation of patient care and health insurance management.

Develop and implement specific policies and procedures for individuals who have sustained concussions or other brain injuries.

Develop and implement specific policies and procedures for the purposes of identifying patients with behavioral health problems and referring patients in crisis to qualified providers.

Discussions with affected departments:

N/A

Proposed by: Jeremy Hawkins

Expected Implementation: Fall 2020

Course Additions

ATRN 534

Credit Hours 2

Course Title: Clinical Education in Athletic Training IV

Abbreviated Title: Clinical Education in AT IV

Contact hours per week: Lecture Lab Field Studio Other 2

Type of Instructional Activity: Internship/Practicum

Academic engagement minutes: 9000 Student preparation minutes: 1500

Intended semesters for offering this course: Fall J-Term Spring Summer

Intended semester to offer course 1st time: Spring 2021

Number of times course may be taken for credit: 1

Essential Learning Course: Yes No

Prerequisites: Yes No

ATRN 533

Prerequisite for other course(s): Yes No

Co-requisites: Yes No

Requirement or listed choice for any program of study: Yes No

Course is a requirement for a new program:

MS - Athletic Training

Overlapping content with present courses offered on campus: Yes No

Additional faculty FTE required: Yes No

The program will require an additional faculty member in order to be compliant with accreditation standards.

Additional equipment required: Yes No

Additional lab facilities required: Yes No

Course description for catalog:

Exploration of athletic training clinical experiences. Concentration on application of clinical skills as an experienced clinician with focus on patient-centered care, evidence-based practice, and critical thinking.

Justification:

This course is part of the curriculum for the new MS - Athletic Training degree. Specific competencies and proficiencies outlined by the Commission on Accreditation of Athletic Training Education will be covered in this course, making it a requirement for this program.

Topical course outline:

Immersion experience; receive credit for clinical hours

Weekly meetings combined with first year students focusing on patient-centered care, evidence-based practice, and critical thinking

Clinical exit exam

Student Learning Outcomes:

Incorporate patient education and self-care programs to engage patients and their families and friends to participate in their care and recovery.

Communicate effectively and appropriately with clients/patients, family members, coaches, administrators, other health care professionals, consumers, payors, policy makers, and others.

Use the International Classification of Functioning, Disability, and Health (ICF) as a framework for delivery of patient care and communication about patient care.

Course Additions

Practice in collaboration with other health care and wellness professionals.
Provide athletic training services in a manner that uses evidence to inform practice.
Use systems of quality assurance and quality improvement to enhance client/patient care.
Apply contemporary principles and practices of health informatics to the administration and delivery of patient care.
Practice in a manner that is congruent with the ethical standards of the profession.
Practice health care in a manner that is compliant with the BOC Standards of Professional Practice and applicable institutional/organizational, local, state, and federal laws, regulations, rules, and guidelines.
Develop a care plan for each patient.
Evaluate and manage patients with acute conditions, including triaging conditions that are life threatening or otherwise emergent.
Perform an examination to formulate a diagnosis and plan of care for patients with health conditions commonly seen in athletic training practice.
Perform or obtain the necessary and appropriate diagnostic or laboratory tests-including (but not limited to) imaging, blood work, urinalysis, and electrocardiogram-to facilitate diagnosis, referral, and treatment planning.
Select and incorporate interventions (for pre-op patients, post-op patients, and patients with nonsurgical conditions) that align with the care plan.
Evaluate and treat a patient who has sustained a concussion or other brain injury, with consideration of established guidelines.
Select, fabricate, and/or customize prophylactic, assistive, and restrictive devices, materials, and techniques for incorporation into the plan of care.
Develop and implement strategies to mitigate the risk for long-term health conditions across the lifespan.
Develop, implement, and assess the effectiveness of programs to reduce injury risk.
Develop, implement, and supervise comprehensive programs to maximize sport performance that are safe and specific to the client's activity.
Educate and make recommendations to clients/patients on fluids and nutrients to ingest prior to activity, during activity, and during recovery for a variety of activities and environmental conditions.
Educate clients/patients about the effects, participation consequences, and risks of misuse and abuse of alcohol, tobacco, performance-enhancing drugs/substances, and over-the-counter, prescription, and recreational drugs.
Monitor and evaluate environmental conditions to make appropriate recommendations to start, stop, or modify activity in order to prevent environmental illness or injury.
Select, fit, and remove protective equipment to minimize the risk of injury or re-injury.
Select and use biometrics and physiological monitoring systems and translate the data into effective preventive measures, clinical interventions, and performance enhancement.
Use a comprehensive patient-file management system (including diagnostic and procedural codes) for documentation of patient care and health insurance management.
Develop and implement specific policies and procedures for individuals who have sustained concussions or other brain injuries.
Develop and implement specific policies and procedures for the purposes of identifying patients with behavioral health problems and referring patients in crisis to qualified providers.

Discussions with affected departments:

N/A

Proposed by: Jeremy Hawkins

Expected Implementation: Spring 2021

Course Additions

KINE 502

Credit Hours 3

Course Title: Research Methods II

Abbreviated Title: Research Methods II

Contact hours per week: Lecture 3 Lab Field Studio Other

Type of Instructional Activity: Lecture

Academic engagement minutes: 2250 Student preparation minutes: 9000

Intended semesters for offering this course: Fall J-Term Spring Summer

Intended semester to offer course 1st time: Spring 2020

Number of times course may be taken for credit: 1

Essential Learning Course: Yes No

Prerequisites: Yes No

KINE 501

Prerequisite for other course(s): Yes No

Co-requisites: Yes No

Requirement or listed choice for any program of study: Yes No

Course is a requirement for a new program:

MS - Athletic Training

Overlapping content with present courses offered on campus: Yes No

Additional faculty FTE required: Yes No

The program will require an additional faculty member in order to be compliant with accreditation standards.

Additional equipment required: Yes No

Additional lab facilities required: Yes No

Course description for catalog:

Examination of the methods of research in kinesiology. Topics include epidemiology, public health, and evidence based practice.

Justification:

This course is part of the curriculum for the new MS - Athletic Training degree. Specific competencies and proficiencies outlined by the Commission on Accreditation of Athletic Training Education will be covered in this course, making it a requirement for this program.

Topical course outline:

Epidemiology
Public health
Evidence-based practice
Capstone Project Discussion

Student Learning Outcomes:

Advocate for the health needs of clients, patients, communities, and populations.
Identify health care delivery strategies that account for health literacy and a variety of social determinants of health.
Provide athletic training services in a manner that uses evidence to inform practice.
Use systems of quality assurance and quality improvement to enhance client/patient care.
Apply contemporary principles and practices of health informatics to the administration and delivery of

Course Additions

patient care.

Discussions with affected departments:

N/A

Proposed by: Jeremy Hawkins

Expected Implementation: Spring 2020

Department: Kinesiology

Program Additions

Athletic Training

Degree Type: MS

Abbreviated Name: Athletic Training

Proposed by: Jeremy Hawkins

Director of Teacher Education Signature:

Expected Implementation: Summer 2019

Colorado Mesa University
New Programs: Projected Enrollment, Revenue and Expense Estimates
 Graduate

Program Name: **Master of Science - Athletic Training**

Step 1. Enrollment Assumptions

Fiscal /Academic Year		Year 1	Year 2	Year 3	Year 4	Year 5
		2019-2020	2020-2021	2021-2022	2022-2023	2023-2024
In-state Headcount	New	12	12	12	12	12
	Existing	0	12	12	12	12
Out-of-State Headcount	New	8	8	8	8	8
	Existing	0	8	8	8	8
Program Headcount		20	40	40	40	40
In-state FTE		9.00	18.00	18.00	18.00	18.00
Out-of-State FTE		6.00	12.00	12.00	12.00	12.00
Program FTE		15.00	30.00	30.00	30.00	30.00
Program Graduates		0	20	20	20	20

Step 1a. Anticipated Credit Hours taken based on recommended course sequencing:

Per Student	18	18	18	18	18
In-State Total	216	432	432	432	432
Out-of-State Total	144	288	288	288	288
Total	360	720	720	720	720

Revenue Rates - Per Credit Hour

Undergraduate Tuition						
In-State	\$ 600.00	\$ 618.00	\$ 648.90	\$ 681.35	\$ 715.41	
Out-of-State	\$ 1,000.00	\$ 1,030.00	\$ 1,091.80	\$ 1,157.31	\$ 1,226.75	

Step 2. Program Revenue Projections

Tuition - New	\$ 130,481	\$ 134,395	\$ 141,822	\$ 149,662	\$ 157,939
Tuition - Existing	\$ -	\$ 134,395	\$ 141,822	\$ 149,662	\$ 157,939
Total Tuition	\$ 130,481	\$ 268,790	\$ 283,643	\$ 299,324	\$ 315,878
Academic Fees - Existing	\$ -	\$ 2,700	\$ 2,700	\$ 2,700	\$ 2,700
Academic Fees - New	\$ -	\$ -	\$ -	\$ -	\$ -
State and Federal Grants - New	0	0	0	0	0
Donations - New	0	0	0	0	0
Other - New	0	0	0	0	0
TOTAL PROGRAM REVENUES	\$ 130,481	\$ 271,490	\$ 286,343	\$ 302,024	\$ 318,578

Colorado Mesa University
New Programs: Projected Enrollment, Revenue and Expense Estimates
 Graduate

Program Name: **Master of Science - Athletic Training**

Step 3. Program Expenses

	Year 1	Year 2	Year 3	Year 4	Year 5
<u>Operating Expenses:</u>					
Faculty Full-time	\$ 128,500	\$ 183,500	\$ 183,500	\$ 183,500	\$ 183,500
FTE	2.00	3.00	3.00	3.00	3.00
Benefits	44,975	64,225	64,225	64,225	64,225
Faculty Part-time	-	-	-	-	-
FTE	-	-	-	-	-
Benefits	-	-	-	-	-
Administrative and/or Support Staff	5,000	5,000	5,000	5,000	5,000
FTE	0.20	0.20	0.20	0.20	0.20
Benefits	1,750	1,750	1,750	1,750	1,750
Financial Aid (program specific)	0	0	0	0	0
Supplies	2,500	2,500	2,500	2,500	2,500
Equipment	-	-	-	-	-
Travel	1,200	1,800	1,800	1,800	1,800
Telecommunications	200	200	200	200	200
Other (copier, postage)	250	250	250	250	250
Total Operating Expenses	\$ 184,375	\$ 259,225	\$ 259,225	\$ 259,225	\$ 259,225
<u>Program Start-Up Expenses:</u>					
Capital Construction	-	-	-	-	-
Equipment	10,000	-	-	-	-
Library Acquisitions	-	-	-	-	-
Other	-	-	-	-	-
Total Start-Up Expenses	10,000	0	0	0	0
TOTAL PROGRAM EXPENSES	\$ 194,375	\$ 259,225	\$ 259,225	\$ 259,225	\$ 259,225
<u>Institutional Reallocation</u>					
Existing Funds in Dept's Budget					
Net New Expense Increase	\$ 194,375	\$ 259,225	\$ 259,225	\$ 259,225	\$ 259,225

Program Revenue and Expense Summary*					
	Year 1	Year 2	Year 3	Year 4	Year 5
Program Revenue and Expense					
Total Revenues	\$ 130,481	\$ 271,490	\$ 286,343	\$ 302,024	\$ 318,578
Total Expenses	\$ 194,375	\$ 259,225	\$ 259,225	\$ 259,225	\$ 259,225
Revenue less Expenses	\$ (63,894)	\$ 12,265	\$ 27,118	\$ 42,799	\$ 59,353
New Revenue and Expense Impact					
Tuition	\$ 130,481	\$ 134,395	\$ 141,822	\$ 149,662	\$ 157,939
State and Federal Grants	0	0	0	0	0
Donations	0	0	0	0	0
Other	0	0	0	0	0
Total Revenues	\$ 130,481	\$ 134,395	\$ 141,822	\$ 149,662	\$ 157,939
New Expenses	\$ 194,375	\$ 259,225	\$ 259,225	\$ 259,225	\$ 259,225

*Excludes other indirect program support services costs.



2018-2019 PROGRAM REQUIREMENTS
Degree: Master of Science
Program of Study: Athletic Training

About This Program . . .

The Athletic Training program is a post-baccalaureate professional program offered in the Department of Kinesiology, leading to a Master of Science in Athletic Training degree (MSAT).

Athletic trainers (ATs) are highly qualified, multi-skilled health care professionals who collaborate with physicians to provide preventative services, emergency care, clinical diagnosis, therapeutic intervention and rehabilitation of injuries and medical conditions. Athletic trainers work under the direction of a physician as prescribed by state licensure statutes.

The MSAT program is a four semester clinical program that will seek accreditation by the Commission on Accreditation of Athletic Training Education (CAATE). Admission into the program is competitive. The MSAT program ensures the highest quality of education by offering collective learning experiences that enable the student to successfully challenge the Board of Certification examination and pursue numerous career paths as a certified athletic trainer. Certified athletic trainers gain employment in a variety of settings including but not limited to: high school/college athletic programs, professional sport programs, outpatient physical therapy/sports medicine clinics, industrial/corporate settings, and the US military.

All CMU master-level graduates are expected to demonstrate proficiency in critical thinking, communication fluency, quantitative fluency, and specialized knowledge/applied learning. In addition to these campus-wide student learning outcomes, a Master of Science in Athletic Training graduate will be able to:

1. Develop appropriate prevention and health promotion strategies.
2. Evaluate pathologies common to a physically active population in a correct and efficient manner.
3. Design therapeutic interventions to maximize a patient's participation and health related quality of life.
4. Propose and integrate appropriate psychosocial techniques into a patient's treatment program, recognizing when and how to refer if necessary.
5. Demonstrate the ability to clearly communicate specialized knowledge.

Advising Process and DegreeWorks

This document is intended for informational purposes to help determine what courses and associated requirements are needed to earn a certificate. Some courses are critical to complete in specific semesters while others may be moved around. Meeting with an academic advisor is essential in planning courses and discussing the suggested course sequencing. It is ultimately the student's responsibility to understand and fulfill the requirements for her/his intended degree.

DegreeWorks is an online degree audit tool available in MAVzone. It is the official record used by the Registrar's Office to evaluate progress towards a certificate and determine eligibility for graduation. Students are responsible for reviewing their DegreeWorks audit on a regular basis and should discuss questions or concerns with their advisor or academic department head. Discrepancies in requirements should be reported to the Registrar's Office.

Graduation Process

Students must complete the following in the first two months of the semester prior to completing their certificate requirements (for one semester certificates complete in the first week of class):

- Review their DegreeWorks audit and create a plan that outlines how unmet requirements will be met in the final semester.
- Meet with their advisor and modify their plan as needed. The advisor must approve the final plan.
- Submit the "Intent to Graduate" form to the Registrar's Office to officially declare the intended graduation date and commencement ceremony plans.
- Register for all needed courses and complete all requirements for each degree sought.

Submission deadlines and commencement details can be found at <http://www.coloradomesa.edu/registrar/graduation.html>.

If your petition for graduation is denied, it will be your responsibility to apply for graduation in a subsequent semester. Your “Intent to Graduate” does not automatically move to a later graduation date.

INSTITUTIONAL GRADUATE DEGREE REQUIREMENTS

The following institutional requirements apply to all CMU graduate-level degrees. Specific programs may have different requirements that must be met in addition to institutional requirements.

- Graduate certificates consist of a minimum of 5 credit hours. Master’s degrees consist of a minimum of 30 credit hours. Doctoral degrees consist of a minimum of 60 credit hours
- All credits in a graduate program must be minimally at the 500-level.
- At least fifty percent of the credit hours must be taken at CMU.
- Students must achieve a 3.00 cumulative GPA or higher in all CMU coursework.
- Students may not apply coursework with a grade lower than a “B” toward graduation requirements.
- A course may only be used to fulfill one requirement for each degree/certificate.
- Capstone exit assessment/projects (e.g., Major Field Achievement Test) requirements are identified under Program-Specific Requirements.
- The Catalog Year determines which program sheet and certificate requirements a student must fulfill in order to graduate. Visit with your advisor or academic department to determine which catalog year and program requirements you should follow.
- See “Requirements for Graduate Degrees and Certificates” in the catalog for a complete list of graduation requirements.

PROGRAM-SPECIFIC REQUIREMENTS

- 38 semester hours for the Master of Science in Athletic Training
- MSAT Program acceptance (see the catalog and program website for specific admissions requirements)
- All courses and course sequencing are required and must be completed at CMU
- Students must successfully pass all didactic and clinical course work as well as a summative exit exam
- Complete a culminating project

Master of Science, Athletic Training REQUIREMENTS (38 semester hours)

- ATRN 511 – Professionalism in Athletic Training/Healthcare Ethics I (1)
- ATRN 512 – Professionalism in Athletic Training/Healthcare Ethics II (3)
- ATRN 513 – Administration in Athletic Training (3)
- ATRN 521 – Injury and Illness Diagnosis and Management I (4)
- ATRN 522 – Injury and Illness Diagnosis and Management II (4)
- ATRN 523 – Advanced Therapeutic Interventions (1)
- ATRN 524 – Pharmacology and Sport Performance (3)
- ATRN 531 – Clinical Education in Athletic Training I (2)
- ATRN 532 – Clinical Education in Athletic Training II (2)
- ATRN 533 – Clinical Education in Athletic Training III (3)
- ATRN 534 – Clinical Education in Athletic Training IV (3)
- KINE 501 – Research Methods (3)
- KINE 502 – Research Methods II (3)
- KINE 587 – Research (3)

SUGGESTED COURSE SEQUENCING

Year 1, Fall Semester (10 credit hours)

- ATRN 511 – Professionalism in Athletic Training/Healthcare Ethics I (1)
- ATRN 521 – Injury and Illness Diagnosis and Management I (4)
- ATRN 531 – Clinical Education in Athletic Training I (2)
- KINE 501 – Research Methods (3)

Year 1, Spring Semester (10 credit hours)

- ATRN 522 – Injury and Illness Diagnosis and Management II (4)
- ATRN 523 – Advanced Therapeutic Interventions (1)
- ATRN 532 – Clinical Education in Athletic Training II (2)
- KINE 502 – Research Methods II (3)

Year 2, Fall Semester (9 credit hours)

- ATRN 513 – Administration in Athletic Training (3)
- ATRN 533 – Clinical Education in Athletic Training III (3)
- KINE 587 – Research (3)

Year 2, Spring Semester (9 credit hours)

- ATRN 512 – Professionalism in Athletic Training/Healthcare Ethics II (3)
 - ATRN 524 – Pharmacology and Sport Performance (3)
 - ATRN 534 – Clinical Education in Athletic Training IV (3)
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