




MASTER OF SCIENCE IN ATHLETIC TRAINING

Policy and Procedure Manual

Administrative Approval

The 2017-2019 Master of Science in Athletic Training (MSAT) Policy and Procedure Manual contains information on the structure and functional characteristics of the MSAT. This Manual has been approved through appropriate channels and procedures and by Grand View University's Provost and Vice President for Academic Affairs, and the President. Although departments may occasionally wish to publish additional or revised guidelines for certain events and procedures, such guidelines are not effective and may not be implemented until written and through approval by Grand View University's Provost and Vice President for Academic Affairs, and the President.



Program Director of MSAT

3-28-18


Date



Department Chair of Kinesiology

3-29-18

Date



Dean, College of Social & Natural Sciences

3-29-18

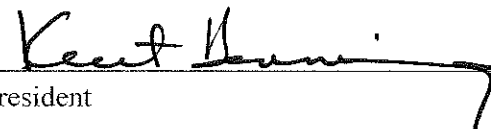
Date



Provost and Vice President for Academic Affairs

3/29/18

Date



President

4/3/18

Date

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I. Introduction

Welcome to the Grand View University Master of Science in Athletic Training (MSAT). As an athletic training student you have moved one step closer to meeting your professional goals and objectives. The MSAT is currently pursuing accreditation through the Commission on Accreditation of Athletic Training Education (CAATE). The institution will be submitting a self-study prior to July 1, 2018, and hosting a site visit in spring 2019. If successful, this would allow students to be eligible to sit for the Board of Certification to become a certified athletic trainer. Students who graduate from the program prior to accreditation will not be eligible to sit for the Board of Certification until accreditation is complete.

Disclaimer

This policy and procedures manual and any accompanying documentation is intended as a general guide for all MSAT students. The materials in this manual are not intended to supersede any campus policies or duplicate material already in print but rather to provide clarification to MSAT specific policies and procedures. This document should not be construed as constituting a formal contract between the MSAT and any person or group of people. The MSAT retains the right to make changes in the academic program, policies and procedures manual and accompanying documents. All such changes will be effective at times deemed appropriate by the MSAT faculty and staff and may apply to enrolled as well as future students in the MSAT program.

I, _____ have read and understood policies and procedures found within the MSAT's Student Handbook.

Student Signature

Date

Program Director Signature

Date

II. CAATE, BOC, NATA

These three organizations, although separate, work together to promote, develop, monitor, and manage athletic training education. This purpose of this section is to provide additional information on how the three organizations function together and separately.

The CAATE (Commission on Accreditation of Athletic Training Education) is the accrediting body of athletic training programs and is recognized by the Council of Higher Education (CHEA). It provides the standards by which athletic training programs are measured to ensure compliance and competence.

The BOC (Board of Certification, INC.) is responsible for certifying athletic trainers in the United States. It helps to institute and maintain athletic training standards of practice and continued education. The BOC manages the national certification examination for athletic training and monitors continued education to ensure athletic trainers meet a minimum standard for practice at initial certification and have access to continued education with a focus on providing high quality patient care.

The NATA (National Athletic Trainers' Association) was founded in 1950 as the professional association for athletic trainers. The NATA advocates for the advancement of the athletic training profession. This organization also supports individual athletic trainers through engagement and development opportunities at the state, regional, and national level. Specifically the NATA-ECE (Executive Committee for Education) liaisons with the CAATE and the BOC to help support and influence the future direction of athletic training education.

III. National Athletic Trainers' Association Code of Ethics

Preamble

The National Athletic Trainers' Association Code of Ethics states the principles of ethical behavior that should be followed in the practice of athletic training. It is intended to establish and maintain high standards and professionalism for the athletic training profession. The principles do not cover every situation encountered by the practicing athletic trainer, but are representative of the spirit with which athletic trainers should make decisions. The principles are written generally; the circumstances of a situation will determine the interpretation and application of a given principle and of the Code as a whole. When a conflict exists between the Code and the law, the law prevails.

1. MEMBERS SHALL PRACTICE WITH COMPASSION, RESPECTING THE RIGHTS, WELFARE, AND DIGNITY OF OTHERS

1.1 Members shall render quality patient care regardless of the patient's race, religion, age, sex, ethnic or national origin, disability, health status, socioeconomic status, sexual orientation, or gender identity.

1.2. Member's duty to the patient is the first concern, and therefore members are obligated to place the welfare and long-term well-being of their patient above other groups and their own self-interest, to provide competent care in all decisions, and advocate for the best medical interest and safety of their patient at all times as delineated by professional statements and best practices.

1.3. Members shall preserve the confidentiality of privileged information and shall not release or otherwise publish in any form, including social media, such information to a third party not involved in the patient's care without a release unless required by law.

2. MEMBERS SHALL COMPLY WITH THE LAWS AND REGULATIONS GOVERNING THE PRACTICE OF ATHLETIC TRAINING, NATIONAL ATHLETIC TRAINERS' ASSOCIATION (NATA) MEMBERSHIP STANDARDS, AND THE NATA CODE OF ETHICS

2.1. Members shall comply with applicable local, state, federal laws, and any state athletic training practice acts.

2.2. Members shall understand and uphold all NATA Standards and the Code of Ethics.

2.3. Members shall refrain from, and report illegal or unethical practices related to athletic training.

2.4. Members shall cooperate in ethics investigations by the NATA, state professional licensing/regulatory boards, or other professional agencies governing the athletic training profession. Failure to fully cooperate in an ethics investigation is an ethical violation.

2.5. Members must not file, or encourage others to file, a frivolous ethics complaint with any organization or entity governing the athletic training profession such that the complaint is unfounded or willfully ignore facts that would disprove the allegation(s) in the complaint.

2.6. Members shall refrain from substance and alcohol abuse. For any member involved in an ethics proceeding with NATA and who, as part of that proceeding is seeking rehabilitation for substance or alcohol dependency, documentation of the completion of rehabilitation must be provided to the NATA Committee on Professional Ethics as a requisite to complete a NATA membership reinstatement or suspension process.

3. MEMBERS SHALL MAINTAIN AND PROMOTE HIGH STANDARDS IN THEIR PROVISION OF SERVICES

3.1. Members shall not misrepresent, either directly or indirectly, their skills, training, professional credentials, identity, or services.

3.2. Members shall provide only those services for which they are qualified through education or experience and which are allowed by the applicable state athletic training practice acts and other applicable regulations for athletic trainers.

3.3. Members shall provide services, make referrals, and seek compensation only for those services that are necessary and are in the best interest of the patient as delineated by professional statements and best practices.

3.4. Members shall recognize the need for continuing education and participate in educational activities that enhance their skills and knowledge and shall complete such

educational requirements necessary to continue to qualify as athletic trainers under the applicable state athletic training practice acts.

3.5. Members shall educate those whom they supervise in the practice of athletic training about the Code of Ethics and stress the importance of adherence.

3.6. Members who are researchers or educators must maintain and promote ethical conduct in research and educational activities.

4. MEMBERS SHALL NOT ENGAGE IN CONDUCT THAT COULD BE CONSTRUED AS A CONFLICT OF INTEREST, REFLECTS NEGATIVELY ON THE ATHLETIC TRAINING PROFESSION, OR JEOPARDIZES A PATIENT'S HEALTH AND WELL-BEING.

4.1. Members should conduct themselves personally and professionally in a manner that does not compromise their professional responsibilities or the practice of athletic training.

4.2. All NATA members, whether current or past, shall not use the NATA logo in the endorsement of products or services, or exploit their affiliation with the NATA in a manner that reflects badly upon the profession.

4.3. Members shall not place financial gain above the patient's welfare and shall not participate in any arrangement that exploits the patient.

4.4. Members shall not, through direct or indirect means, use information obtained in the course of the practice of athletic training to try and influence the score or outcome of an athletic event, or attempt to induce financial gain through gambling.

4.5. Members shall not provide or publish false or misleading information, photography, or any other communications in any media format, including on any social media platform, related to athletic training that negatively reflects the profession, other members of the NATA, NATA officers, and the NATA office.

NATA Code of Ethics-September 2005, Revised 2016

IV. Certification Requirements

In order to become a nationally certified athletic trainer, you must complete your entry level athletic training education program accredited by the CAATE and pass the BOC certification exam. To qualify as a candidate for the BOC certification exam, you must be confirmed by the recognized Program Director of the CAATE accredited education program.

You must complete all of the requirements for graduation and meet the standards of the MSAT at Grand View University to be confirmed to take the BOC certification exam by the MSAT Program Director.

Additional information on the BOC exam and requirements can be found at www.bocatc.org.

V. Admission Requirements for the MSAT

- A baccalaureate degree earned from a regionally accredited institution, evidenced by an official transcript.
- Validated minimum undergraduate grade-point average of 3.0 on a 4.0 scale. (Students below 3.0 will be considered for provisional acceptance.)
- Complete the [application for admission](#).
- [Application fee of \\$40](#) (nonrefundable).
- Complete [50 hours of observation](#) under the direct supervision of a BOC-certified athletic trainer.
- Meet the [technical standards](#).
- Current CPR/AED Certification.

Submit the Following:

- Include a statement of purpose with application that addresses: 1) the student's interest in the program, including the identification of short-term and long-term career goals; 2) the skills and experiences the student will contribute to the program; 3) expectations the student has of the program.
- A professional resume.
- [Two letters of recommendation](#) (one of which must be from a faculty member who can attest to the student's ability to successfully engage in graduate study)
- Documentation of required prerequisite courses:
 - Human Anatomy and Physiology
 - Nutrition or Sports Nutrition
 - Exercise Physiology
 - Biomechanics or Kinesiology
 - Statistics (can be taken concurrently in first term).
 - Minimum grade in prerequisites must be $\geq C$.
- The following requirements will be met after acceptance but prior to the start of classes:
 - Background Check
 - Liability Insurance
 - NATA student membership
 - Up-to-date vaccinations
 - Individual health insurance
 - Physical
- Materials can be submitted to: Dr. Christopher Viesselman, LAT, ATC, Master of Science in Athletic Training, Grand View University, 1200 Grandview Ave. Des Moines, IA 50316

VI. MSAT Student Expenses

Athletic Training Students may incur expenses in addition to those the University "charges" with tuition and fees. The purchase of these items is the responsibility of the student. They may include the following.

- Student Membership National Athletic Trainers' Association (Approximately \$80)
- Liability Insurance (Approximately \$100)
- Criminal Background and Abuse Registry Check (Approximately \$70)
- Immunizations (Depends on student and health insurance)
- Clinical equipment: Stethoscope, blood pressure cuff, athletic training kit, scissors
- Textbooks, reference books, and electronic or digital resources
- Transportation to clinical sites
- Professional attire

All expenses are subject to change.

Additional Clarification on Expenses:

- Students are required to become student members of the National Athletic Trainers' Association before starting formal education and maintain it throughout enrollment in the program.
- Students are required to purchase liability insurance which must be maintained throughout their formal education in the program. The policy must provide a minimum of \$1,000,000/\$3,000,000 professional liability coverage. Proof of coverage is needed before starting clinical education.
- Students are required to show proof of professional level CPR certification before starting clinical education. Two examples are: American Red Cross- CPR for the Professional Rescuer and American Heart Association- Health Care Provider. These must be maintained throughout enrollment in the MSAT.
- Students are required to complete a background check for clearance to complete clinical rotations at hospitals, medical clinics, high schools, colleges, and other venues where athletic trainers practice sports medicine.
- Vaccinations and additional health requirements as needed for different clinical placements (e.g. TB test, Hepatitis B vaccination).
- Professional attire appropriate for clinical placements which could include but is not limited to khaki shorts or pants and polo, dress pants or slacks and dress shirt, scrubs, and appropriate footwear.
- Students must provide their own transportation to clinical sites and other off campus locations which may be required for athletic training class or clinical experiences. Clinical sites may be within a 50 mile radius of the Des Moines metropolitan area.

The student's signature on page 1 of the MSAT Student Handbook indicates that the student is aware of the MSAT expenses and transportation requirements and agrees to pay such expenses.

VII. Technology Requirements

For face-to-face and online classes you will need access to a reliable computer with high-speed internet access. To access the course, please log into myView using your Grand View University username and password. You are expected to **log in to Blackboard at least three times a week**, and you must **check your Grand View email at least every other day** in order stay current and avoid missing any important announcements or other correspondence.

Your computer should meet the following MINIMUM requirements:

- 2.0 GHz Processor or higher
- 4 GB Memory
- 120 GB Hard Drive or higher
- Wireless Connectivity (802.11 b/g minimum)
- Updated Windows or Mac Operating System
 - Windows
 - Windows XP SP2 or higher
 - Update: Start > All Programs > Windows Update
 - Mac
 - Update: Apple > Software Update

You must also have access to the following software and hardware:

- Firefox (free download at <http://www.mozilla.org/en-US/firefox/new/>) – Blackboard generally prefers this browser.
- Internet Explorer (free download at <http://windows.microsoft.com/IE>) – This is a backup browser for Blackboard. If you cannot access something in Firefox, try IE (or another browser) before contacting your professor or Indiana State's OIT Help Desk.
- Java (free download at <http://www.java.com/getjava>)
- QuickTime (free download at <https://www.apple.com/quicktime/download/>)
- Adobe Flash Player (free download at <http://get.adobe.com/flashplayer/>)
- Microsoft Office (free download through myView > Technology)
- Video editing program (such as [Windows Movie Maker](#) or iMovie)
- Webcam (may be built into your computer or external)

*Additional technologies/software may be used in specific courses, however the faculty will work to ensure we utilize free options, so as not to add additional costs for the students.

VIII. Technical Standards for Admission and Retention

A Master of Science in Athletic Training indicates that the graduate has the background necessary to enter the field of athletic training. It signifies that the graduates have the knowledge and skills to enter into a variety of employment and educational settings as well as function in a variety of clinical situations to render a spectrum of patient care. As such all applicants admitted in to the MSAT must meet the following abilities and expectations. Applicants who do not meet the expressed technical standards are encouraged to contact the ATP Director and Student Support Services prior to completing the application to see if accommodations could be made for successful completion of the program.

1. Applicants and students must be able to observe demonstrations and experiments in the basic sciences.
2. Applicants and students must be able to learn to analyze, synthesize, solve problems, and reach conclusions for medical treatment.
3. Applicants and students must have sufficient use of the senses to perform palpation and other diagnostic procedures, manual therapy, and observe and evaluate patients during therapeutic treatments or activities.
4. Applicants and students must be able to relate to patients and the physically active in a manor to establish trust and a professional relationship with them necessary for diagnosis and treatment of injuries or illnesses.
5. Applicants and students must be able to communicate medical information to patients, other health care providers and/or lay persons as part of the continuity of care with clarity, accuracy, and efficiency. They must be able to use multiple modes of communication in a professional manor following standard privacy acts.
6. Applicants and students must have the mental capacity to assimilate, analyze, synthesize, integrate concepts, and problem solve to formulate diagnosis and therapeutic judgements.
7. Applicants and students must have sufficient postural and neuromuscular control, sensory function, and coordination to perform appropriate physical examinations using accepted techniques.
8. Applicants and students must be able to understand and speak the English language at a level consistent with competent professional practice.
9. Applicants and students must be able to maintain composure and commitment to complete the educational program as outlined and sequenced in official program documentation.
10. Applicants and students must be able to adjust to changing situations, uncertainty in clinical situations, and emergency situations that may arise during clinical and didactic educational components of the program.
11. Applicants and students must meet the professional and ethical standards of CAATE, NATA, BOC, Grand View University, and associated clinical sites.

Grand View University prohibits unlawful discrimination and encourages full participation by all students within the university community. Students with disabilities may request reasonable accommodation from the University's Director of Disability Services following the policies and processes of that office (contact Ms. Michele Lively, 515-263-2971 or <mailto:mlively@grandview.edu>). The MSAT Program Director, in consultation with the program's Medical Director, must also determine if the student's prescribed accommodations will permit the student to meet the program's technical standards and to do so without jeopardizing clinician or patient safety, undermining the student's clinical education, or placing a clinical site's or clinical preceptor's certification at risk. These considerations apply to all educational experiences required for graduation with the MSAT.

I, _____, certify that I have read and understand the technical standards for selection listed above, and I believe to the best of my knowledge that I meet each of these standards **without accommodation**. I understand that if I am unable to meet the technical standards of the MSAT I will not be admitted or retained by the MSAT.

Athletic Training Student/Applicant Signature

Date

OR

I, _____, certify that I have read and understand the technical standards for selection listed above, and I believe to the best of my knowledge that I meet each of these standards **with reasonable accommodations**, I will contact the MSAT Director to initiate the process with the institution and determine what reasonable accommodations are available. I understand that if I am unable to meet the technical standards of the MSAT with or without accommodations, I will not be admitted or retained by the MSAT.

Athletic Training Student/Applicant Signature

Date

IX. Communicable Disease Policy

The purpose of the Grand View University MSAT Communicable Disease Policy is to protect the health and safety of all individuals, which includes: MSAT students, faculty, staff, preceptors, and patients. It is designed to provide guidance when dealing with management of students with infectious or communicable diseases. This includes any disease or condition that can be transmitted from one person to another through, direct contact, air, vehicle, or vector.

Prevention: Students have to maintain appropriate immunizations for health care workers. Students have to complete Blood Borne Pathogen Training (BBP) and must be familiar with the BBP Exposure Plan. Students are required to use proper hand washing techniques and Universal Precautions.

Managing Potential Infection: Patient care should not be performed on an individual who has active signs or symptoms of a communicable or infectious disease. They should instead be referred to appropriate medical provider. Student should remove themselves from class or clinical rotation if they have active signs of a communicable or infectious disease. They need to report to preceptor, clinical coordinator, or appropriate faculty member and obtain appropriate medical care. The clinical coordinator, preceptor or other appropriate faculty member can remove a student from a clinical rotation at any time when a communicable or infectious disease is suspected. Student is required to maintain communication with preceptor and clinical coordinator on progression of disease or medical care and approximate return. Missing more than two successive days of clinical education requires a note from physician to be placed in permanent file. Lack of appropriate documentation of illness with missed class or clinical time could result in a reduction of grade or other disciplinary action from the MSAT Administration.

I, _____, certify that I have read and understand the Communicable Disease Policy.

Athletic Training Student/Applicant Signature

Date

X. Blood Borne Pathogen Policy(BBP):

The purpose of this plan is to minimize or eliminate the exposure of program personnel to blood borne pathogens and other potentially infectious materials in compliance with The Department of Labor Occupational Safety and Health Administration (OSHA) Blood Borne Pathogen standards. This policy only applies to those individuals directly associated with the MSAT.

Individuals with Occupational Risk:

Preceptors in the Athletic Training Program

Faculty in the Athletic Training Program

Athletic Training Students

These individuals must comply with the BBP Exposure Control Plan.

Exposure Control Plan:

- Each clinical site will maintain Universal Precautions to be used during exposure to body fluids. At a minimum the following will be available: Latex or equivalent gloves and biohazard bags, CPR masks or breathing barriers, hand washing stations or hand sanitizer and sharps containers where applicable.
- All specimens of blood or other potentially infectious materials shall be treated as infected. Universal Precautions will be used at all times. Contaminated materials shall be disposed of in biohazard bag. If material is not saturated and a biohazard bag is not available, material can be disposed of in normal trash receptacle. Biohazard bags must be processed through normal facility procedures.
- The BBP Exposure Report Form will be completed for any incident in which potentially infectious agent comes in contact with eye, mouth, or other mucous membrane, or non-intact skin during clinical rotation.
- If athletic training student is exposed, they will need to report this directly to their preceptor and to the Clinical Education Coordinator. The infected body part must be washed immediately with soap and warm water or area should be flushed with water for 15 min.
- The source individual should be assessed for risk of infection, consent obtained and individual should be sent for testing as soon as possible. If source is unknown or testing cannot be completed, exposed individual should be sent for risk assessment and post-exposure testing at a physician of their choice. Neither Grand View University MSAT nor its affiliated sites assume responsibility for a student's possible BBP exposure. Any costs associated with exposure will fall on the responsibility of the student. Preceptors may or may not be compensated for follow-up care based on their employer's normal operating procedure.
- The BBP Incident Report Form will be completed and turned into the Clinical Education Coordinator. In a case where the infected individual refuses medical care, this needs to be reported on post exposure form.
- Yearly training will be completed with MSAT students, faculty, and staff.

Signature

Date

XI. Exposure Reporting Form

Grand View University MSAT has indicated that I am an individual that faces possible exposure to BBPs. The MSAT provided me with training on infection control and risk of disease transmission in Athletic Training.

On _____, 20____, I was involved in an exposure incident when (describe incident)

I have decided to go for follow-up care at _____ and (circle one) will or will not provide testing results to the MSAT.

Student Signature

Date

Program Director Signature

Date

I have refused to have a follow-up examination of my own free will and volition.

Student Signature

Date

Program Director Signature

Date

XII. Mission, Vision, Goals

Mission Statement: Grand View University's Master of Science in Athletic Training (MSAT) program engages, equips, and empowers athletic training students to fulfill their individual potential in the athletic training profession through evidence-based didactic and practical experiences in athletic training. The Athletic Training Program prepares students for success through critical thinking and experiential learning within classroom and clinical experiences to develop the students' knowledge and abilities necessary to enter into the Athletic Training Profession.

Vision Statement: The Grand View University Master of Science in Athletic Training Program strives to be a leader in Athletic Training Education in the state of Iowa.

Objectives: Lead the state through student first-time pass rate in BOC exam; state, regional, or national committee involvement; maintain faculty continued education focusing on subject area or latest trends in athletic training education; maintain good-standing accreditation status from CAATE; lastly gain longest applicable accreditation from CAATE.

Goals and Objectives:

Goal 1: To foster students' development of competence as entry-level athletic trainers, including their knowledge of the ways evidence influences practice.

Objective: Our first goal specifies an emphasis on the competencies necessary to enter into the athletic training profession. The intent is for students to gain this knowledge along with understanding the application of current research to guides practice.

Goal 2: To foster students' development of practical knowledge and skills to successfully apply these techniques in the athletic training patient population.

Objective: Through coursework and athletic training experiences the students acquire the theoretical, practical, and empirical background needed to activate and perform emergency care, evaluate and diagnose injuries and illnesses, treat and rehabilitate injuries and illnesses, and to develop and enact return to activity protocols.

Goal 3: To foster the development of athletic trainers who demonstrate professionalism, awareness, compassion, and ethical behaviors.

Objective: Through coursework and athletic training experiences the students develop the theoretical and practical knowledge necessary to meet the professional expectations found within the field of athletic training.

Goal 4: To provide educational curriculum that focusing on a quality students' experiences in the athletic training profession.

Objective: Through curricular development, implementation of best practices in athletic training education, and annual evaluation of programmatic content, the program administrators will focus on continuous improvement of the MSAT Curriculum.

Learning Outcomes:

1. Develop preventative measures to decrease injuries and illnesses.
2. Perform a clinical evaluation and diagnosis for a patient's medical condition.
3. Activate and perform immediate or emergency care for a patient.
4. Design and perform treatment and rehabilitation protocols to foster healing.
5. Utilize best practices in the organization and administration of health care.
6. Translate evidence into practice.

XIII. MSAT Curriculum

Master of Athletic Training Courses	Course #	Credits
Introduction to Emergency Care	ATTR 501	3
Pharmacology	ATTR 502	1
Evaluation and Treatment of the Lower Body	ATTR 511	3
Evaluation and Treatment of the Upper Body	ATTR 512	3
Evaluation and Treatment of the Axial Skeleton and Nervous System	ATTR 513	3
Therapeutic Modalities	ATTR 522	3
Clinical Measurements in AT	ATTR 521	3
General Medical Conditions	ATTR 531	3
Therapeutic Exercise	ATTR 523	3
Organization and Administration in Athletic Training	ATTR 536	3
Psychosocial Interventions in Athletic Training	ATTR 560	2
Research Methods & EBP in Athletic Training	ATTR 580	3
Seminar in Athletic Training	ATTR 590	3
Clinical 1 (HS AT Experience)	ATTR 541	3
Clinical 2 (Clinical AT Experience)	ATTR 542	3
Clinical 3 (Immersion Experience)	ATTR 551	6
Clinical 4 (Gen. Med. Emergency Experience)	ATTR 552	3
Total for AT Major		51

XIV. MSAT Two Year Plan of Study *(all courses must be taken following two-year plan of study)*

Term	Class	Credits
Fall I:	Evaluation and Treatment of the Lower Body Injuries	3
	Evaluation and Treatment of the Upper Body Injuries	3
	Introduction to Emergency Care	3
	Pharmacology	1
	Clinical I (Traditional Athletic Training Experience)	3
	Total Credits	13

Spring I:	Therapeutic Modalities	3
	Therapeutic Exercise	3
	Clinical Measurements in AT	3
	Evaluation and Treatment of the Axial Skeleton & Nervous System	3
	Clinical II (Clinical Athletic Training Experience)	3
	Total Credits	15
Fall II:	General Medical Conditions	3
	Organization and Administration in Athletic Training	3
	Clinical III (Athletic Training Immersion Experience)	6
	Total Credits	12
Spring II:	Seminar in Athletic Training	3
	Research Methods & EBP in Athletic Training	3
	Psychosocial Interventions in Athletic Training	2
	Clinical IV (General & Emergency Med. Experience)	3
	Total Credits	11
Total Credits:		51

XV. Course Descriptions

Evaluation and Treatment of Lower Body Injuries (3 cr.)

This course is an in-depth analysis of injuries, illnesses, and conditions specific to the lower body. The course will prepare the student to recognize the clinical signs and symptoms of injury and to explain and apply the current theories of prevention, evaluation, diagnosis, treatment, and appropriate medical referral. Standardized medical documentation techniques will also be investigated and applied. Prerequisites: Acceptance and good standing in the MSAT Program.

Evaluation and Treatment of Upper Body Injuries (3 cr.)

This course is an in-depth analysis of injuries, illnesses, and conditions specific to the upper body. The course will prepare the student to recognize the clinical signs and symptoms of injury and to explain and apply the current theories of prevention, evaluation, diagnosis, treatment, and appropriate medical referral. Standardized medical documentation techniques will also be investigated and applied. Prerequisites: Acceptance and good standing in the MSAT Program.

Introduction to Emergency Care (3 cr.)

Students will learn the current methods and theories to assess, identify, and manage medical emergencies including but not limited to traumatic injuries, respiratory and circulatory conditions, environmental illnesses, and other traumatic illnesses. Standardized medical documentation techniques will also be investigated and applied. Prerequisites: Acceptance and good standing in the MSAT Program.

Pharmacology (1 cr.)

This course will cover local and national laws and regulations associated with prescription and nonprescription medication, performance-enhancing drugs, and illicit drugs. It will cover the major concepts and theories of pharmaceutical terminology, pharmacokinetics and pharmacodynamics related to the field of athletic training. Prerequisites: Acceptance and good standing in the MSAT Program.

Therapeutic Modalities (3 cr.)

The purpose of this course is to provide students with knowledge and understanding of therapeutic modalities used within the athletic training profession. The human body's inflammatory and healing processes will be studied and incorporated with the theory and application of modes of therapy currently used in the profession of athletic training. This includes but is not limited to thermotherapy, cryotherapy, electrical stimulation, ultrasound, laser, and manual therapy techniques. Standardized medical documentation techniques will also be investigated and applied. Prerequisites: Acceptance and good standing in the MSAT Program.

Therapeutic Exercise (3 cr.)

This course will cover the theories and practical knowledge of utilizing exercise and activity to prevent and treat injuries and illnesses. This includes but is not limited to range of motion, resistance, aerobic and anaerobic exercises, and other types of therapeutic exercise. Theory and application will be incorporated into this course to facilitate the student's understanding and ability to apply the material to multiple populations. Theories and techniques will be investigated to foster both prevention of and recovery from injuries and illnesses. Standardized medical documentation techniques will also be investigated and applied. Prerequisites: Acceptance and good standing in the MSAT Program.

Clinical Measurements in Athletic Training (3 cr.)

The use of multiple types of testing procedures and screening methods will be incorporated with common outcome measurements. This course will facilitate the student's ability to develop a full understanding of the physical, emotional, and cognitive deficiencies or predispositions to current and future injuries and illnesses. Standardized medical documentation techniques will also be investigated and applied. Prerequisites: Acceptance and good standing in the MSAT Program.

Evaluation and Treatment of the Axial Skeleton & Nervous System (3 cr.)

This course is an in-depth analysis of injuries, illnesses, and conditions specific to the axial skeleton, and the central and peripheral nervous system. The course will prepare the student to recognize the clinical signs and symptoms of injury, to explain and apply the current theories of prevention, evaluation, diagnosis, treatment, and appropriate medical referral. Standardized medical documentation techniques will also be investigated and applied. Prerequisites: Acceptance and good standing in the MSAT Program.

General Medical Conditions (3 cr.)

This course will cover general medical conditions found within the multiple systems of the human body. It will focus on the identification and appropriate treatment of common conditions found within the athletic training profession and will also include medical conditions associated with specific populations. This course will include but is not limited to the assessment and screening methods used to detect and diagnose general medical conditions. Standardized medical documentation techniques will also be investigated and applied. Prerequisites: Acceptance and good standing in the MSAT Program.

Organization and Administration in Athletic Training (3 cr.)

Course material will include foundational information of common areas of knowledge and theories found within contemporary management and administration. Historical knowledge will be combined with current theories to develop a holistic perspective on legal and ethical medical care. This will include but will not be limited to medical documentation, health and liability insurance, personnel management, facility design, budget management, drug testing, and pre-participation physicals. Prerequisites: Acceptance and good standing in the MSAT Program.

Seminar in Athletic Training (3 cr.)

This course will prepare students to enter into the field of athletic training. It will focus on the knowledge and abilities of the students in prevention, evaluation, and diagnosis of injuries and illnesses, emergency medical techniques, application of therapeutic modalities, therapeutic rehabilitation, current research in medical care, and utilizing evidence based medicine in the field of athletic training. Prerequisites: Acceptance and good standing in the MSAT Program.

Research Methods & Evidence-Based Practice in Athletic Training (3 cr.)

The course will focus on the interpretation of statistical procedures and research commonly used in athletic training and the greater field of allied health care. Students will learn to search, examine, evaluate, and apply evidence-based medicine to allied health care. This course will prepare students to develop and conduct evidence-based research projects. Prerequisites: Acceptance and good standing in the MSAT Program.

Psychosocial Interventions in Athletic Training (3 cr.)

This course will focus on the ability to recognize and refer, if necessary, patients who demonstrate sociocultural, mental, emotional, and psychological behavioral issues. This could also include patients with substance abuse problems. The ability to select and integrate coping mechanisms during injury and motivational techniques during recovery and rehabilitation. Appropriate documentation and standardized recording techniques will also be covered. Prerequisites: Acceptance and good standing in the MSAT Program.

Clinical I: Traditional Athletic Training Experience (3 cr.)

The athletic training students will spend 180+ hours throughout the semester in a traditional athletic training experience in the high school or colligate setting. The students will incorporate and practice current skills and knowledge of athletic training into this experience while expanding their understanding of common practices within the profession.

Prerequisites: Acceptance and good standing in the MSAT Program.

Clinical II: Clinical Athletic Training Experience (3 cr.)

The athletic training students will spend 180+ hours throughout the semester in an athletic training experience in the clinic setting. The students will incorporate and practice current skills and knowledge in the treatment and rehabilitation of injuries and illnesses. The students will develop an understanding of the application of evaluation and measurement techniques commonly used in the clinical setting. Prerequisites: Acceptance and good standing in the MSAT Program. Completion of Clinical I: Traditional Athletic Training Experience with a B or better.

Clinical III: Immersion Experience in Athletic Training (6 cr.)

The athletic training students will spend 360+ hours throughout the semester in an athletic training immersion experience. The majority of the immersion experience will occur while working with a protective equipment sport during the first half of the semester. During this rotation the students will be working towards autonomous practice, under the supervision of certified and licensed athletic trainers. Prerequisites: Acceptance and good standing in the MSAT Program. Completion of Clinical II: Clinical Athletic Training Experience with a B or better.

Clinical IV: General and Emergency Medical Experience (3 cr.)

The athletic training student will spend 180+ hours throughout the semester in multiple athletic training settings including experiences working with a non-orthopedic population. The student will incorporate administrative and organizational skills and knowledge in regards to general medical conditions and emergency medicine. Prerequisites: Acceptance and good standing in the MSAT Program. Completion of Clinical III: Immersion Experience in Athletic Training with a B or better.

XVI. Course Catalog Statement (MSAT)

Degree Awarded: Master of Science in Athletic Training

The Master of Science in Athletic Training (MSAT) utilizes a competency-based approach for the delivery of classroom and clinical education. It will combine a comprehensive didactic base with rigorous clinical application. The master's degree requires two years of demanding classroom education with multiple clinical experiences to develop entry-level practitioners in athletic training. Clinical experiences may start prior to and extend past the traditional semester schedule. Students will be informed in advance when this may occur. Application to the MSAT program and meeting the minimum requirements does not guarantee admission. Admission will be based on academic record, field experience, letter of intent, and recommendations. Students must have a completed bachelor's degree by the time of

admission or have a degree completion plan that meets the requirements of the program. Please see the Master of Science Athletic Training Student Handbook for the most accurate application requirements and instructions.

Learning Outcomes

The Graduate will be able to:

1. Develop preventative measures to decrease injuries and illnesses.
2. Perform a clinical evaluation and diagnosis for a patient's medical condition.
3. Activate and perform immediate or emergency care for a patient.
4. Design and perform treatment and rehabilitation protocols to foster healing.
5. Utilize best practices in the organization and administration of health care.
6. Translate evidence into practice.

Prerequisites of the MSAT

Human Anatomy & Physiology, Nutrition or Sports Nutrition, Exercise Physiology, Biomechanics/Kinesiology and Statistics

Grand View Equivalent courses (Prerequisites of the MSAT)

BIOL 160, BIOL 165, BIOL 140 or BIOL 320, KINH 391, KINH 371 or KINH 376, MATH 241

Other requirements for entry

Athletic Training Observation (50 hrs); Undergraduate GPA (3.0/4.0); First Aid, CPR, AED Certification; Completion of the MSAT Application; Acceptance by the MSAT Admission Committee

MSAT Courses

Introduction to Emergency Care, Pharmacology, Evaluation and Treatment of the Lower Body, Evaluation and Treatment of the Upper Body, Evaluation and Treatment of the Axial Skeleton and Nervous System, Therapeutic Modalities, Clinical Measurements in Athletic Training, General Medical Conditions, Therapeutic Exercise, Organization and Administration in Athletic Training, Psychosocial Interventions in Athletic Training, Research Methods & EBP in Athletic Training, Seminar in Athletic Training, Clinical I: Traditional Athletic Training Experience, Clinical II: Clinical Athletic Training Experience, Clinical III: Immersion Experience in Athletic Training, Clinical IV: General and Emergency Medical Experience

Requirements for the degree:

51 semester credits including: Students must maintain a 3.0 GPA or higher throughout the athletic training curriculum. Course grades of C or lower will not be counted towards graduation in the MSAT program. Students must also receive a B or higher in each clinical education course or they will not be allowed to move on to the next clinical experience. Students who don't meet these or other athletic training program standards will follow the procedures outlined in the current Athletic Training Student Handbook for probation and

dismissal. Failure to meet these standards may result in removal from the MSAT program. Students will move through the program in a cohort model. As such each student must start and follow the appropriate course progression as listed in the Athletic Training Student Handbook. The athletic training curriculum is designed utilizing learning over time and thus the didactic education and practical experience will build on material previously presented in the curriculum. Students will only be admitted into the program progression once a year as described in the current Athletic Training Student Handbook.

XVII. Probation and Dismissal

Academic Probation

Students will be placed on probation from the program if they fail to comply with the graduate program's academic criteria.

- Successful completion of all requirements for the course components of the specific degree.
- Achievement of a cumulative grade point average of 3.0 with no more than 2 grades of C.
- Students must also achieve a B or higher in all clinical education classes.*

Students failing to attain these academic standards will be placed on probation until they can retake the appropriate course/s and achieve the listed standard. The student will not be allowed to continue in the program until they can retake the course. Because the MSAT is taught in a cohort model, the student will need to wait until the next cohort of students is offered the course work needed to meet the standard.

**Additional Criteria for MSAT*

Academic Suspension

The Graduate Committee places graduate students on Academic Suspension when students do not meet the minimum cumulative grade point average in a probationary semester. If a student's GPA indicates inability to be successful in graduate school, the Graduate Committee may suspend a student after an initial semester of graduate study.

Graduate students suspended will need to reapply to the Graduate Committee and demonstrate the ability to be successful in graduate school. They must speak to the reasons they were suspended and how they have rectified their situation at the time of re-admission. Reapplication does not guarantee admittance and final decision will be made in consultation of program faculty and administrators.

Grand View University, MSAT, and NATA Code of Ethics Violations

Students will receive disciplinary action for the following violation of the MSAT Policies, GVU Policies, NATA Code of Ethics (*NATA Ethics violations will also be submitted to the NATA*). Students in an allied health profession are held to the standard of the profession. As such any violation that is directly related to patient care or patient safety will be dealt with appropriately. Violations should be reported to the program administration within 14 days of the incident.

If it is determined that the incident violates the Grand View University Code of Conduct or Academic Honesty policy and not the NATA Code of Ethics or MSAT Policies the incident will be handled through the university processes. All Sanctions imposed by Grand View University will follow the university grievance or appeal policy as found in the Grand View University Student Handbook. Grievances for MSAT policy violations will follow MSAT probation and suspension and grievance policy.

Egregious violations could result in immediate dismissal from the program.

- Unprofessional Behavior, breach of duty, dishonesty, patient confidentiality, falsifying records, theft/vandalism, substance abuse, not following proper policies and procedures, or placing patients at risk. Each instance will be evaluated individually and result in appropriate sanction.
- The MSAT follows Grand View University's policy on Academic Honesty. Full policy and process can be found in the Grand View University Student Handbook.
- The MSAT follows the Grand View University's policy on Student Code of Conduct and Code of Conduct violations. The full student Code of Conduct is found in the Grand View University Student Handbook. Procedures and sanctions can also be found within this section of the student handbook.

Disciplinary Action for Violations to MSAT Policies or procedures:

(Does not include academic dishonesty or GVVU Code of Conduct violations)

1st Incident -written and verbal warning

-record of incident in permanent MSAT student file

-self developed plan of action submitted in writing to MSAT Administration

2nd Incident -suspension from the program

-record of incident in permanent MSAT student file

-self developed plan of action submitted and accepted by MSAT Administration prior to suspension removal

3rd Incident -Expulsion from program

Student Grade Concerns:

- A student who has concerns about a grade on a course assignment, a final course grade, or an accountability contract must first discuss the concern with the course faculty member. If the student is unable to resolve the concern after talking with the faculty member, the student should:
 - Notify his or her academic advisor of the concern.
 - Direct the concern in writing to the Program Director.
 - If the student is unable to resolve the concern with the Program Director, the student may appeal the decision through the student grievance process.

Student Grievance Policy:

(Does not include academic dishonesty or GVVU Code of Conduct violations)

Sanctions imposed by the MSAT will follow the following policy:

- Student will report the grievance in writing to the MSAT Program Director within seven days of the imposed sanction.
- The MSAT Student Grievance Panel will meet to discuss grievance and make a decision on the appeal (Grievance Panel includes PD or CC & two Faculty Members teaching outside of the program but qualified to teach at the graduate level.
- Program Director or designated representative will chair the meeting.
- MSAT Student Grievance Panel will schedule to meet within 30 days after grievance is initiated. If a panel member feels unable to give an un-biased judgement in case, that member should remove him/herself from proceedings.
- The purpose of this Panel is to consider grievances related to the program policies, progression or graduation in the MSAT which a student considers not to have been satisfactorily resolved. The committee is to decide if the student has been treated fairly according to existing policies and procedures.
- Committee members will be give copy of the grievance three (3) days prior to meeting.
- Additional Evidence may be submitted (3) days prior to meeting.
- Grievance meeting is closed to protect confidentiality of the process.
- No attorneys or other legal representatives are allowed at the meeting.
- Witnesses may be called by both the student and the program but Program Director or designated representative can limit the number of witnesses.
- Procedure at Grievance Meeting
 - Chairperson will select secretary
 - Secretary will take notes or record meeting (electronic recording permission will be required if used).
 - All persons name, position, and purpose at the meeting will be stated and recorded (electronically or in writing).
 - Chairperson will read the grievance and moderate the meeting.
 - Faculty or staff involved will present case and may be questioned by panel
 - Student will present statements relevant to case and may be questioned by panel. All matters upon which the decision is based must be introduced into evidence at the hearing.
 - Any witnesses present my respond to questions by panel. Witnesses may not be questioned or challenged by other witnesses or defendant(s) and must respond only to panel questions
 - At conclusion of data gathering, the panel will go into closed session to discuss and vote. Each member will submit one vote (secret ballot) and verdict will be by majority.
 - Decision will be made in writing from the committee to the student and faculty or staff member involved. This will include specific action(s) and rationale for the decision.
 - Record and evidence will be kept by Program Director for 3 years after panel meeting.

XVIII. Educational Records Policy

- The MSAT follows the Grand View University policy on Education Records and the Family Educational Rights and Privacy Act of 1974. Please refer to the Grand View University Student Handbook for clarification of this policy.

XIX. Student Dress Code Policy

- During student clinical rotations, athletic training students are required to meet the minimum standards of the policy and to wear their name badge at all times.
- Students, faculty, and preceptors provide high quality health care services to patients. It is therefore unacceptable to wear attire that would compromise patient trust or professional integrity. Students are required to adhere to the dress code regardless of whether or not their preceptor wears or permits what the program has determined as unacceptable. Students must also meet the standards of the clinical site or preceptor if these standard exceed the MSAT Dress Code Policy.
- For clinical rotations with health care professionals:
 - Grand View University MSAT name tag
 - Grand View University or affiliated site polo or shirt (must be tucked in)
 - Dress shirts, plain polo, or site specific shirt are also acceptable, if they meet the requirements of clinical rotation.
 - All shirts must be of length to be able to be tucked into shorts or pants and must have sleeves that cover both shoulders.
 - Single color chino style or dress pants
 - Single color chino style or dress shorts of appropriate length (must reach mid-thigh at minimum and be okayed by the preceptor)
 - Closed-toe and closed-heel athletic or dress shoes (heels are prohibited)
 - Other previously approved MSAT attire with program logo
- For clinical rotations with health care professionals in a physician office or medical center:
 - Business causal dress following the minimal guidelines
 - Scrubs that meet the clinical site's and preceptor's guidelines
- All clothing should be clean, pressed, in good condition and fit properly. Clothing should not have any holes or tears, should cover midriff and cleavage, and not be excessively baggy or tight.
- Hair-should be neat and clean. For safety and patient care, long hair should be pulled back away from the face and secured as to not fall onto patients or interfere with work. Facial hair must be kept clean and neatly trimmed.
- Nails-should be clean and neatly trimmed. Long fingernails could promote the spread of infection and be a safety hazard when performing patient care (e.g. manual therapy).
- Accessories-Jewelry and body art should be worn in moderation. No excessive jewelry (numerous rings, bracelets or earrings, long necklaces, earrings that hang below 1 inch, or jewelry that dangles and could make contact with patient) will be allowed.
- Hats and sunglasses-are to be worn outside only when appropriate or if medically necessary.

- Remember, you now represent the Master of Science in Athletic Training and the profession of athletic training. You must present yourself in a professional manner that places patient care as your first priority. Anything that takes away from this will not be tolerated.

XX. Clinical Expectations

Clinical Hours Requirements

Students are expected to complete a range of hours per week during clinical experiences under the direct supervision of an assigned preceptor. Students will be expected to engage in more hours of clinical experience as they progress through the program.

Course	Minimum Requirement	Maximum Requirement	Average Hours/Week
ATGR 541	180 hours	280 hours	12 – 20
ATGR 542	180 hours	350 hours	12 – 25
ATGR 551	360 hours	560 hours	25 – 40
ATGR 552	180 hours	350 hours	15 – 25

Clinical experiences should be scheduled outside of regular course meetings. Students may be expected to engage in clinical education experiences on weekends, as determined by their preceptors. Students must have 1 day off from clinical education per week (every 7 days). Students are responsible for working with their preceptor to schedule clinical education experiences to meet the aforementioned expectations. Students will be primarily assigned one preceptor at a clinical site, however they may have opportunities to supplement their clinical education at a different site with another preceptor. These additional learning opportunities should not substitute for their assigned clinical education experiences, they should enhance and expand on those experiences.

Clinical Skills

Students must be instructed on the performance of clinical skills prior to performing those skills on patients. Instruction may occur in the classroom, laboratory, or clinical setting by faculty, instructors, guest lecturers, or preceptors.

XXI. Outside Employment

- The MSAT discourages students from working, participating in a graduate assistantship, or participating in athletics while enrolled in the educational program. Clinical experiences and classroom requirements are significant and it will be difficult to balance multiple responsibilities. If a student in the program does chose to engage with these activities while enrolled, they must make the educational and practical components of the program the priority. It is not acceptable to be absent from requirements of the program for employment.
- It is also unacceptable for a student in the MSAT to practice athletic training outside of the clinical aspects of the program. This is a violation of the state practice act and of the accreditation standards of the program.
- Students may not be compensated for their utilizing athletic training skills while enrolled in the program (excluding scholarships). This is a violation of the state practice act and of the accreditation standards of the program.

- Performing athletic training skills, receiving compensation, or putting other obligations in front of the athletic training program will lead to disciplinary action and could result in probation, suspension or expulsion from the MSAT.

XXII. HIPAA and FERPA

- Every student will complete HIPAA and FERPA training prior to working or observing a patient population. The Guide to Privacy and Security of Electronic Health Information can be reached at the following link, [here](#). A review of FERPA protection of medical records can be found at the following link, [here](#). After reviewing the information each student will need to complete the HIPAA and FERPA modules to ensure understanding and reinforce the importance of protected medical and educational information. Any questions about specific incidences should be directed to the Clinical Education Coordinator or the preceptor responsible for the site.

XXIII. Social Media Policy

Best Practices:

- Understand and follow the rules of each particular social media site.
- Remember the Internet is permanent. Even if you delete something on the Internet, it still exists.
- Be honest, respectful, and positive.
- Remember many different audiences will see your posts, including fans, alumni, children, students, student-athletes, parents, staff, faculty, etc.
- Be professional and polite.
- Be accurate. If you make a mistake, own up to it and correct it quickly.
- Do not post when your judgment is impaired in any way.
- Use the privacy/security settings made available on social media sites.
- Do not post anything that you would not speak about openly in a work place or public, such as comments on drug use, sexual humor, skin color, or ethnic slurs.

The following are prohibited uses of social media and will result in disciplinary action.

- Posting anything private, confidential, or sensitive.
- Posting comments that attack an Athletic Training student, Preceptor, Faculty, student-athlete, coach, or athletic administrator from any institution or clinical site.
- Posting information, photos, or other representations of sexual content, harassing language, inappropriate behavior or items that could be interpreted as demeaning or inflammatory.
- Posting information, photos, or other representations of athletes (receiving care from an Athletic Trainer, Physician, Nurse, or any other medical professional).
- Commenting on student-athlete injuries, playbooks, rosters, officiating or any other team information that should remain confidential.
- Making friend request, follow, etc. student-athletes or patients, who are under the age of 18, at any time while you are enrolled in the MSAT program (before, during, or after your placement at a specific clinical site).

XXIV. Confidentiality Statement.

As part of your interaction with those seeking health care at affiliated clinical site and with Grand View University's MSAT approved preceptors, you will be exposed to information regarding individual's medical records, health status, and possibly educational records. All of this information is considered to be confidential and remains the private rights of the individual being treated or visiting the site. This information is federally governed by HIPAA and/or FERPA.

As a student involved in the MSAT at Grand View University, I understand that I may be exposed to sensitive and confidential information regarding patient medical information or educational records.

I understand that what I learn and observe through my involvement in this program with regards to personal patient information or other confidential or protected information is not to be discussed.

I also understand that I cannot access confidential information for any reason other than for that which I have been asked to do by my supervisor, preceptor, or MSAT faculty or staff.

I understand that the NATA Code of Ethics, the Confidentiality section of the Athletic Training Standards for Professional practice serve as guidelines with regards to information I may be presented. I further understand that I am subject to both the HIPAA and FERPA regulations.

I understand that I am jeopardizing my opportunity to pursue the practical aspect of the athletic training experience and potentially subjecting the University to litigation for the violation of confidentiality as outlined in the document. A violation of this policy would result in disciplinary action by the MSAT Program Director, which could result in termination from the program.

Student Name (Print): _____

Student Signature: _____ Date: _____