



NOVA SOUTHEASTERN  
UNIVERSITY

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**Dr. Pallavi Patel College of  
Health Care Sciences  
Athletic Training and  
Exercise and Sport Science**

Nova Southeastern University  
Master of Science in Athletic Training  
Student Handbook

## INTRODUCTION

Welcome to the Master of Science in Athletic Training (MSAT) at the Dr. Pallavi Patel College of Health Care Sciences (PPCHCS). As an athletic training student, you will embark on an educational journey that can and will create job opportunities in the allied health profession, provide hands-on learning experiences in sport, and create a new vision.

The MSAT is challenging and rewarding as clinical experiences compliment didactic coursework. As your skills advance, you will have an opportunity to contribute to the health care of physically active individuals in settings such as clinical, university, high school, and professional. This demanding education program requires passion, dedication, and commitment as you strive to achieve your professional goals.

A Certified Athletic Trainer must be knowledgeable in all the domains of practice including: prevention of athletic injuries; recognition, evaluation, and assessment; immediate care of injuries, treatment, rehabilitation, and reconditioning; organization and administration; and professional development and responsibility. This knowledge provides the certified athletic trainer with the skills and ability to provide medical care of athletes of all ages and levels of talent. Take a moment to explore the details of the athletic training major. If you have any questions, please don't hesitate to contact me.

Sincerely,

[Pradeep R. Vanguri](#), PhD, LAT, ATC

Associate Professor, Athletic Training Program Director  
College of Health Care Sciences

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## **ABOUT OUR PROGRAM**

The NSU MSAT is designed to prepare students to become certified athletic trainers who specialize in injury and illness prevention, assessment, treatment, and rehabilitation for physically active people. This six semester program will provide preparation in advanced medical skills necessary for clinical practice including an emergency management course that prepares students for the National Registry Examination for Emergency Medical Technician-Basic (EMT-B) that will help distinguish the program and give the students advanced medical training leading towards a certification within the first year of the program. In addition, students will receive hands-on classroom experience, an evidence-based foundation in clinical evaluation, training in advanced clinical procedures such as suturing and intravenous injections, and manual therapies. The curriculum provides a balance between classroom, laboratory, hybrid, and online instruction that prepares students to become competent health care professionals. Using an interprofessional approach, this program will expose students to variety of medical programs in the Dr. Pallavi Patel College of Health Care Sciences (PPCHCS) through integrated course work, guest lectures, and laboratory experiences. In addition, the unique clinical experiences provided in the high schools, rehabilitation clinics, colleges, and emerging settings by trained preceptors further supports the development of relevant clinical practice. The curricular progression supports student development of clinical skills culminating in two full-immersion clinical experiences during the second year.

### **Program Accreditation**

NSU's Athletic Training Program (ATP), established in 2003, is accredited by the Commission on Accreditation of Athletic Training Education (CAATE), effective March 2007. Athletic training students will graduate with a Masters of Science in Athletic Training and will be eligible to sit for the Board of Certification (BOC) examination. The athletic training program is designed to ensure that students who graduate from the program meet all requirements necessary to pass the BOC examination. The CAATE provides peer review of the programs educational content based on educational standards adopted by national medical and allied health professional organizations.

- The American Academy of Family Physicians
- The American Academy of Pediatrics
- The American Orthopedic Society for Sports Medicine
- The Commission on Accreditation of Athletic Training Education
- The National Athletic Trainers' Association

These organizations have cooperated to establish, maintain, and promote appropriate standards of quality for educational programs in athletic training and to provide recognition for exceptional programs. These standards and interpretations can be found at [www.caate.net](http://www.caate.net).

### **Mission**

The mission of the Master of Science in Athletic Training (MSAT) Program is to develop competent health care professionals who are committed to providing quality patient-centered care through the incorporation of evidence-based practice, interprofessional collaboration, and community engagement.

### **MSAT Program Goals:**

1. Provide a student-centered learning environment through innovative pedagogical strategies in preparation for professional practice.
2. Immerse students in a diverse interprofessional community of faculty and medical professionals in the health care field through clinical education opportunities.
3. Develop competent clinicians focused on providing quality patient-centered care.
4. Foster knowledge through collaborative use of health care informatics.

### **MSAT Learning Objectives:**

1. Obtain Board of Certification® Certified Athletic Trainer credential. Utilize the process of discovery, critical thinking, and analysis to develop the skills and knowledge needed to successfully engage in life-long learning throughout their academic and professional careers.
2. Recognize and apply universally accepted standards of care for immediate and emergency response.
3. Develop professional and ethical behaviors to prepare students for the health care field of athletic training.
4. Incorporate evidenced based decision making into their clinical practice and utilize best practices to provide effective health care.
5. Construct detailed documentation of patient interactions for use with interprofessional practice.

### **National Athletic Trainers' Association Code of Ethics**

<https://www.nata.org/membership/about-membership/member-resources/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**

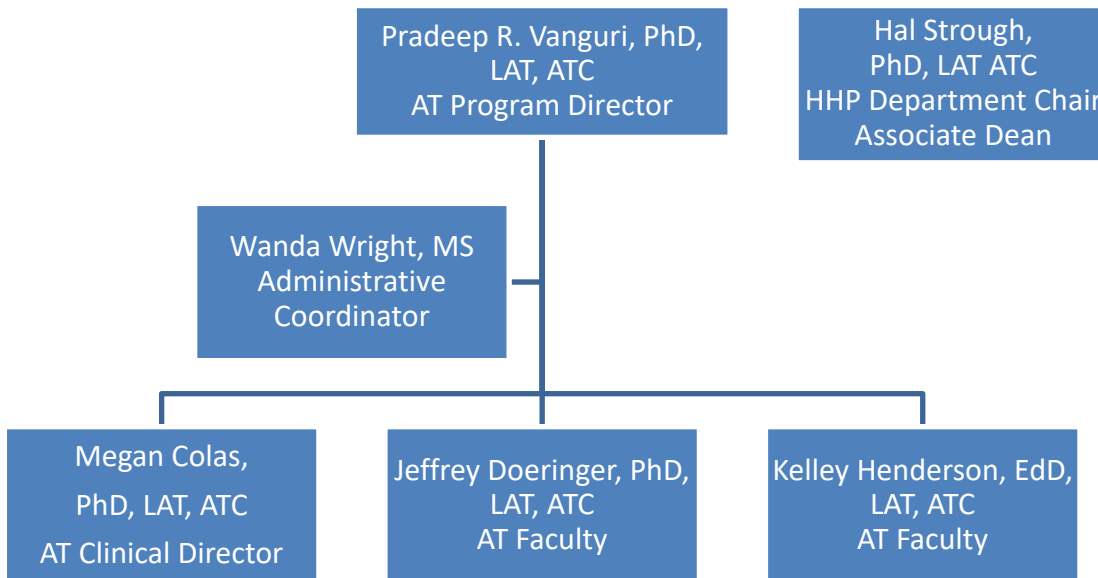
- 3.1. Members shall not misrepresent, either directly or indirectly, their skills, training, professional credentials, identity, or services.
- 3.2. Members shall provide only those services for which they are qualified through education or experience and which are allowed by the applicable state athletic 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.

## Organizational Chart

The ATP is housed in the Department of Health and Human Performance (HHP) along with the Exercise and Sport Science Program. Dr. Pradeep R. Vanguri serves as the Athletic Training Program Director with Dr. Megan Colas serving as the Clinical Director. Dr. Jeffrey Doeringer and Dr. Kelley Henderson are Athletic Training Faculty. Ms. Wanda Wright serves as Administrative Coordinator for the Department and Dr. Hal Strough is the HHP Department Chair and Associate Dean for the PPCHCS.



**Figure 1. NSU ATP Organizational Chart**



## Admission Requirements

Students with bachelor's degrees in any academic area can be considered for admission to the MSAT program. The requirements for admission are as follows:

1. A bachelor's degree from a regionally accredited college or university or an approved degree credentialing agency for international students.
2. Application and admission to Nova Southeastern University (\$50 Non-refundable Application Fee).
3. Candidates must submit required documents to Athletic Training Centralized Application System (ATCAS) (\$85 for first application, \$45 each additional program). For this part of the admissions process, candidates are individually reviewed by the MSAT Admissions Committee as NSU considers each applicant in terms of his or her potential for success in the program.
4. Application materials will be evaluated on a rolling admissions process to ATCAS beginning February 1<sup>st</sup> and will conclude no later than May 15<sup>th</sup>. A curriculum vita/resume, personal statement of professional and education goals, three recommendation forms/letters, official transcripts from all colleges and universities that include pre-requisite courses, 50 hours of observational experience with a Certified Athletic Trainer (Submitted using the NSU MSAT Observational Experience Form).
5. GRE (Graduate Record Examination) scores from the ETS (Educational Testing Service) no later than January 31<sup>st</sup> of the entry year. Scores must meet the minimum of 140 on the verbal and 140 on the quantitative section. The Admission Committee will not consider the application until the official GRE scores are received. GRE scores must be less than five years old.
6. Successful completion of a professional interview with the NSU MSAT Admissions Committee. These online interviews are only offered to students who meet all application requirements.
7. A minimum of 2.75 cumulative grade point average (GPA) as well as a minimum of 3.0 prerequisite and science GPA, and a grade of C or better on all prerequisite courses. Students must complete all prerequisite courses prior to successfully matriculating to the MSAT program. Final transcripts must be submitted prior to matriculation.

<b>PREREQUISITES</b>	<b>SEMESTERS</b>
<b>Psychology</b>	3 semester hours
<b>Statistics</b>	3 semester hours
<b>Biology with Lab</b>	4 semester hours
<b>Anatomy and Physiology with Lab</b>	8 semester hours with lab (A&P may be combined or separate)
<b>Chemistry with Lab</b>	4 semester hours with lab
<b>Physics with Lab</b>	4 semester hours with lab
<b>Kinesiology/Biomechanics</b>	3 semester hours
<b>Exercise Physiology</b>	3 semester hours
<b>Nutrition</b>	3 semester hours
<b>Health/Wellness</b>	3 semester hours

All applications will be reviewed on a case-by-case basis. Selection for a professional interview does not guarantee admission to the program. Admission decisions will be made at the conclusion of the interview process.

Students will be assigned an academic advisor upon admission into the MSAT program. The advisor will advise and assist the student during matriculation and throughout his or her studies in the program. Students may communicate with their advisor via phone or email.

### **Technical Standards**

The technical standards set forth by the ATP establish the essential qualities considered necessary for students admitted to this program to achieve the knowledge, skills, and competencies of an entry-level Athletic Trainer, as well as meet the expectations of the CAATE. In the event a student is unable to fulfill these technical standards, with or without reasonable accommodation, the student will not progress through the program. Compliance with the program's technical standards does not guarantee a student's eligibility for the BOC exam.

Candidates for selection to the MSAT must demonstrate all of the following technical standards:

1. The mental capacity to assimilate, analyze, synthesize, integrate concepts and problem solve to formulate assessment and therapeutic judgments and to be able to distinguish deviations from the norm.
2. Sufficient postural and neuromuscular control, sensory function, and coordination to perform appropriate physical examinations using accepted techniques; and accurately, safely and efficiently use equipment and materials during the assessment and treatment of patients.
3. The ability to communicate effectively and sensitively with patients and colleagues, including individuals from different cultural and social backgrounds; this includes, but is not limited to, the ability to establish rapport with patients and communicate judgments and treatment information effectively. Students must be able to understand and speak the English language at a level consistent with competent professional practice.
4. The ability to record the physical examination results and a treatment plan clearly and accurately.
5. The capacity to maintain composure and continue to function well during periods of high stress.
6. The perseverance, diligence, and commitment to complete the ATP as outlined and sequenced.
7. Flexibility and the ability to adjust to changing situations and uncertainty in clinical situations.
8. Affective skills and appropriate demeanor and rapport that relate to professional education and quality patient care.

MSAT applicants will be required to verify they understand and meet these technical standards or that they believe that, with reasonable accommodations, they can meet the standards. Students with disabilities who require reasonable accommodations should contact the Office of Student Disability Services for additional information (<http://www.nova.edu/disabilityservices/>).

### **University Equal Opportunity/Non-Discrimination Policy (Available in NSU Student Handbook)**

Consistent with all federal and state laws, rules, regulations, and/or local ordinances (e.g., Title VII, Title VI, Title III, Title II, Rehab Act, ADA, Title IX, and the Florida Civil Rights Act), it is the policy of Nova Southeastern University not to engage in discrimination or harassment against any persons because of race, color, religion or creed, sex, pregnancy status, national or ethnic origin, nondisqualifying disability, age, ancestry, marital status, sexual orientation, gender, gender identity, military service, veteran status, political beliefs or affiliations, and to comply with all federal and state nondiscrimination, equal opportunity

and affirmative action laws, orders, and regulations. Any such acts are unacceptable and strictly prohibited by the university.

In addition, the law prohibits retaliation against an individual for opposing any practices forbidden under this policy, for bringing a complaint of discrimination or harassment, for assisting someone with such a complaint, for attempting to stop such discrimination or harassment, or for participating in any manner in any investigation or resolution of a complaint of discrimination or harassment. This nondiscrimination policy applies to admissions, enrollment, scholarships, loan programs, athletics, employment, and access to, participation in, and treatment in all university centers, programs, and activities. NSU admits students of any race, color, religion or creed, sex, pregnancy status, national or ethnic origin, nondisqualifying disability, age, ancestry, marital status, sexual orientation, gender, gender identity, military service, veteran status, political beliefs or affiliations, and activities generally accorded or made available to students at NSU and does not discriminate in the administration of its educational policies, admission policies, scholarship and loan programs, and athletic and other school administered programs.

The following person has been designated to handle inquiries and complaints regarding perceived discrimination and NSU nondiscrimination policies:

For inquiries or complaints regarding perceived discrimination based on gender or sex, please contact:

**Laura Bennett**

Title IX Coordinator

(954) 262-7858 • [laura.bennett@nova.edu](mailto:laura.bennett@nova.edu)

All other inquiries or complaints regarding perceived discrimination should be directed to:

**Alexis Martinez, Ed.D., J.D.**

Assistant Dean for Student Development (954) 262-7281 • [amartinez1@nova.edu](mailto:amartinez1@nova.edu)

**HIPAA/FERPA Compliance**

Athletic training students must complete applicable HIPAA and/or FERPA training administered through NSU prior to any clinical education rotations. Information in the offices of the Athletic Training/Medical facility at any affiliate site is confidential and may not be divulged to anyone except the person who owns the information, those faculty, staff, or administrators who have need to know, and those individuals or agencies who fulfill the requirements under the Federal Educational Rights and Privacy Act of 1974, as amended (FERPA) and the federally mandated Health Information Portability and Accountability Act (HIPAA). All students must comply with all HIPAA and FERPA policies and procedures, as implemented by the affiliate.

**Immunization Requirements**

Per the CHCS Student Handbook, students must complete a mandatory immunization form, which must be signed by a licensed healthcare provider. The form can be found at [nova.edu/smc](http://nova.edu/smc).

The following immunizations/vaccinations are required of student at the Health Professions Division based on the current Centers for Disease Control (CDC) recommendations for Health Care Personnel:  
Basic Immunizations: Every student is required to have had an immunization for, or show evidence of

immunity to, the following diseases before matriculating at Nova Southeastern University:

### **Hepatitis B**

- Both of the following are required: three vaccinations and positive surface antibody titer. (Lab report is required.)
- If the series is in progress, evidence of at least one shot must be provided, and the renewal date will be set accordingly.
- If the titer is negative or equivocal, the student must repeat the series and provide repeat titer report.

### **Influenza Vaccination**

Administered annually.

(An annual, seasonal influenza vaccine is required by most clinical sites.)

### **Measles, Mumps and Rubella (MMR)**

One of the following is required: Proof of two vaccinations, or positive antibody titer for measles (rubeola), mumps, and rubella. (Lab report is required.)

### **PPD Skin Test (2 Step)**

**One of the following is required:** negative two-step test or negative blood test (such as QuantiFERON Gold Blood Test or T-Spot Test) or if positive PPD results, provide a chest X-ray and/or prophylactic treatment information within the past 12 months.

### **Tetanus Toxoid, Diphtheria Toxoid, and Acellular Pertussis Vaccine (Tdap)**

All students are required to have had a Tetanus Toxoid, Diphtheria Toxoid, and Acellular Pertussis Vaccine (Tdap) booster prior to matriculation and must maintain immunity by continuing to remain current according to the CDC recommendations for health care personnel during their program. Due to the increased risk of pertussis in a health care setting, the Advisory Committee on Immunization practices highly recommends health care workers receive a one-time Tdap (ask your health care provider). Tdap is required, without regard to interval of previous dose of Tetanus-Toxoid (Td).

### **Varicella (Chicken Pox)**

One of the following is required: Proof of two vaccinations or positive antibody titer. (Lab report is required.)

Arrangements: Students may request that the Student Medical Center or the NSU Clinic Pharmacy administer these immunizations. The Student Medical Center will make appointments in as timely a manner as possible. Students may call (954) 262-1270 to make an appointment. Once made, the appointment becomes the student's obligation and must be kept. For students at other NSU campuses, appointments may be scheduled with the NSU designated physician for their area.

HPD fee: The HPD general access fee covers a series of three Hepatitis B vaccines and an annual PPD screening. All other immunizations and health care services are the responsibility of the student.

Failure to comply: The university is not required to provide alternative sites for clinical practicum or rotations should immunization be a requirement for placement. **Therefore, failure to comply with this policy may result in a student's inability to satisfy the graduation requirements in his or her program.**

## **Background Checks**

As per CHCS student handbook, accepted applicants and students are required to authorize the NSU Health Professions Division to obtain background check (s) as per adopted policy of March 2011. If the background check (s) reveal information of concern, which the NSU Health Professions Division may deem unfavorable, HPD will request that the individual provide a detailed written explanation of the information contained in this report, along with appropriate documentation (e.g., police reports). Students may also be required to authorize clinical training facilities that they are assigned to by the Health Professions Division to obtain a background check with the results reported to the clinical training facility.

Offers of admission will not be considered final until the completion of the background check (s), with results deemed favorable by the NSU Health Professions Division, and where appropriate, by the clinical training facilities. If information received indicates that the student has provided false or misleading statements, has omitted required information, or in any way is unable to meet the requirements for completion of the program, then the admission may be denied or rescinded, the student may be disciplined or dismissed, or his or her enrollment may be terminated.

Acceptance to an NSU Health Professions Division program does not guarantee that a student with information of a concern will be accepted by clinical training facilities to which they may be assigned.

Following the initial background check (s), students will be asked annually to provide a certification relating to any convictions or guilty or no-contest pleas to any criminal offense other than traffic violations. Additionally, a Level 2 background check may be required of students completing certain rotations.

## **CPR Certification**

Per requirements for the BOC and maintenance of BOC certification, students must be certified in Emergency Cardiac Care (ECC) at all times while in the program. This certification is part of ATTR 5100 Emergency Medicine and will be current for 2 years.

## **Professional Behaviors**

The Professional Behaviors policy ensures that athletic training students maintain the standards of professionalism in and out the classroom while enrolled in the MSAT program. Issues that arise with regards to academic dishonesty, inappropriate behavior, or misrepresentation of the MSAT program will be subject to review by the Program Director and AT Faculty. As outlined in the procedures, the Professional Behaviors policy will document the offenses that occurred and provide appropriate corrective steps to be taken.

### First Offense – “Warning”

- All involved parties will meet with the AT student to discuss issues that have arisen.
- AT student will receive documentation of “First Offense - Warning”
- AT Student will have a follow up meeting with Program Director, Clinical Director, and/or AT Faculty member.
- The Committee on Student Progress will receive notification of this infraction.

### Second Offense – “Probation”

- All involved parties will meet with the AT student to discuss issues that have arisen.
- AT student will receive documentation of “Second Offense - Probation”

- AT Student will have a follow up meeting with Program Director, Clinical Director, and/or AT Faculty member.
- The Committee on Student Progress will receive notification of this infraction.

### Third Offense – “Dismissal”

- All involved parties will meet with the AT student to discuss issues that have arisen.
- AT student will receive documentation of “Second Offense - Dismissal”
- AT Student will have a follow up meeting with Program Director, Clinical Director, and/or AT Faculty member.
- The Committee on Student Progress will receive notification of this infraction.

### **Committee on Student Progress**

Each department or program within the Pallavi Patel College of Health Care Sciences has a Committee on Student Progress (CSP). It is the CSP’s responsibility to conduct proceedings to examine the status of students who are experiencing academic problems or who have violated any regulation, policy, and/or professional or behavioral codes of conduct. The CSP examines individual cases and makes appropriate recommendations to the program director, who determines the final status of the individual student. All examinations of individual cases are informal proceedings conducted by the CSP. Legal representation is not permitted; rules of evidence will not be used. For more information regarding the process and procedure for the CSP refer to the College Handbook.

### **Retention and Remediation**

For purposes of retention in the MSAT Program, any course grade below a C will be considered a course failure. Any student who has experienced two or more course failures while in the MSAT Program may be dismissed from the program. A student will not be able to advance in the curricular sequence until the course is successfully repeated at a C or better.

Students receiving a failing grade will be required to repeat the course and achieve a C or better at its next scheduled offering. Additional tuition will be charged for any repeated course. Upon achieving a C or better in a repeated course, an E will be noted after the original grade, and that grade will then be exempt from GPA calculation. The new course grade will be noted on the transcript followed by an I indicating the new grade will be included in the GPA calculation. Passing a course through retake does not negate the original failure for purposes of retention in the program.

### **Completion of Degree**

In order to be eligible to graduate from the MSAT, students shall:

1. Successfully complete all academic and clinical courses and degree requirements with a minimum 3.0 cumulative GPA or better.
2. Have satisfactorily met all financial and library obligations.
3. Attend in person the commencement program.

## MSAT Curriculum and Course Sequence

ATTR 5100	Emergency Medicine	9
ATTR 5200	Intro to Athletic Training	3
ATTR 5310	Orthopedic Evaluation I	4
ATTR 5320	Orthopedic Evaluation II	4
ATTR 5330	Orthopedic Evaluation III	3
ATTR 5410	Therapeutic Interventions I	4
ATTR 5420	Therapeutic Interventions II	4
ATTR 5430	Therapeutic Interventions III	3
ATTR 5500	Nutrition and Performance	3
ATTR 5610	AT Clinical Experience I	2
ATTR 5620	AT Clinical Experience II	2
ATTR 5630	AT Clinical Experience III	1
ATTR 5700	Evidence Based Practice	3
ATTR 6100	Medical Pathologies	3
ATTR 6110	Pharmacology (Hybrid)	3
ATTR 6120	Diagnostics Imaging (Online)	1
ATTR 6130	Clinical Medicine Procedures	2
ATTR 6200	Health Care Administration	3
ATTR 6300	Medical Documentation (Online)	2
ATTR 6400	Behavioral Medicine	3
ATTR 6700	Professional Practice and Clinical Reasoning	2
ATTR 6610	AT Clinical Experience IV	6
ATTR 6620	AT Clinical Experience V	2
<b>TOTAL CREDITS REQUIRED</b>		<b>72</b>

**Curriculum Map for the Master of Science in Athletic Training**

				<b>Semester 1 (Summer I)</b>		
			ATTR 5100	Emergency Medicine		<b>9</b>
			ATTR 5200	Intro to Athletic Training		<b>3</b>
			<b>Semester Total</b>			<b>12</b>
<b>Semester II (Fall)</b>			<b>Semester III (Winter)</b>			
ATTR 5310	Orthopedic Evaluation I		ATTR 5320	Orthopedic Evaluation II		<b>4</b>
		<b>4</b>				<b>4</b>
ATTR 5500	Nutrition and Performance		ATTR 5700	Evidence Based Practice		<b>3</b>
		<b>3</b>				<b>3</b>
ATTR 5410	Therapeutic Interventions I		ATTR 5420	Therapeutic Interventions II		<b>4</b>
		<b>4</b>				<b>4</b>
ATTR 5610	AT Clinical Experience I		ATTR 5620	AT Clinical Experience II		<b>2</b>
		<b>2</b>				<b>2</b>
<b>Semester Total</b>			<b>13</b>	<b>Semester Total</b>		<b>13</b>
<b>Semester IV (Summer II)</b>						
ATTR 6100	Medical Pathologies					
		<b>3</b>				
ATTR 5330	Orthopedic Evaluation III					
		<b>3</b>				
ATTR 5430	Therapeutic Interventions III					
		<b>3</b>				
ATTR 6110	Pharmacology					
		<b>3</b>				
ATTR 5630	AT Clinical Experience III					
		<b>1</b>				
<b>Semester Total</b>			<b>13</b>			
<b>Semester V (Fall)</b>			<b>Semester VI (Winter)</b>			
ATTR 6120	Diagnostic Imaging		ATTR 6200	Health Care Administration		<b>3</b>
		<b>1</b>				
ATTR 6300	Medical Documentation		ATTR 6400	Behavioral Medicine		<b>3</b>
		<b>2</b>				<b>3</b>
ATTR 6610	AT Clinical Experience IV		ATTR 6130	Clinical Medicine Procedures		<b>2</b>
		<b>6</b>				<b>2</b>
			ATTR 6700	Professional Practice and Clinical Reasoning		<b>2</b>
						<b>2</b>
			ATTR 6620	AT Clinical Experience V		<b>2</b>
						<b>2</b>
<b>Semester Total</b>			<b>9</b>	<b>Semester Total</b>		<b>12</b>
<b>OVERALL MAJOR TOTAL</b>						<b>72</b>



### Program Expenses, Tuition/Fees, Scholarships, and Financial Aid

While a majority of the costs for equipment, lab supplies, and learning materials are covered through student tuition and fees, there are additional costs that are the financial obligation of the students enrolled in NSU's Athletic Training Program (ATP). A summary of those costs appears below; however, this list is neither exhaustive nor exclusive to all student financial obligations.

#### MSAT Anticipated Student Costs

<b>MSAT Tuition Rate</b>	<b>\$26,800</b>	<b>\$27,604</b>	<b>Annual</b>
<b>NSU Student Service Fee</b>	\$1050	\$1050	Annual (\$350 per semester)
<b>Student Insurance Fee</b>	\$2199	\$2199	Annual
<b>HPD Administration Fee</b>	\$145	X	One-Time
<b>EMT National Registry Exam</b>	\$80.00	X	One-Time
<b>Background Check</b>	\$75.00	\$75.00	Annual
<b>Drug Test</b>	\$45.00	X	One-Time
<b>Physical Exam</b>	\$25-35	X	One-Time (based on insurance co-pay)
<b>Immunizations</b>	\$50	X	One-Time (based on individual student status)
<b>Clothing/Uniforms</b>	\$250	\$250	Annual
<b>Textbooks</b>	\$2400	\$2400	Annual (\$800 per semester)
<b>NATA Membership</b>	\$80	\$80	Annual = \$160
<b>Transportation</b>	Based on clinical experience placement	Based on clinical experience placement	Annual
<b>Approximate TOTALS</b>	<b>YEAR 1 TOTAL = \$33,204</b>	<b>YEAR 2 TOTAL = 33,658</b>	<b>TWO YEAR TOTAL = \$66,862</b>

The Office of Student Financial Assistance is dedicated to helping you navigate the steps in the student financial aid process. To apply for financial aid from federal and state sources, including student employment, please refer to <http://www.nova.edu/financialaid/graduate-professional/index.html> . Please remember, many scholarships require you to complete the Free Application for Federal Student Aid (FAFSA) as well.

The following professional organizations provide scholarships/monies specifically for students in athletic training programs:

Organization	Website
National Athletic Trainers' Association (NATA)	<a href="http://www.natafoundation.org/scholarship">www.natafoundation.org/scholarship</a>
Southeast Athletic Trainers' Association (SEATA)	<a href="http://www.seata.org">www.seata.org</a>
Athletic Trainers' Association of Florida (ATAF)	<a href="http://www.ataf.org">www.ataf.org</a>

## **Student Services**

The Division of Student Affairs offers a variety of services to foster student success and a university community. More information can be found at <http://www.nova.edu/studentaffairs/index.html>

## **Student Grievance Procedure (per CHCS Student Handbook)**

The purpose of grievance procedures is to promote the orderly resolution of problems arising out of a student complaint concerning a policy, procedure, or administrative action of Nova Southeastern University. Students will follow the College of Health Care Sciences procedures for both academic and non-academic disputes.

## **Social Media Policy**

Posting of personal information or material of a sensitive or potentially damaging nature on any social networking site (i.e. Facebook, Twitter, Instagram, YouTube, etc.) is strongly discouraged. Furthermore, it is highly discouraged to connect with athletes/patients that you are currently working with professionally since such connections can lessen the educational value of the clinical rotations. Social media may be a source of a HIPAA and/or FERPA violation so all individuals pictured need to sign a written consent allowing for publication of any picture. In addition, any misrepresentation of the Athletic Training Program, the Department of Health and Human Performance, or Nova Southeastern University in text, photo or video format is strictly prohibited. The failure to abide by the behaviors outlined in the NATA Code of Ethics and Professional Behaviors Policy as it relates to social media will result in dismissal from the ATP and/or other disciplinary action.

## **Dress Code**

Students must maintain a neat and clean appearance suitable for healthcare professionals. The dress code is to be maintained at all times in the classrooms, laboratories, clinical sites, college meetings and all areas involved in providing patient care.

### **Classroom Dress Code:**

- NSU AT Polo shirt tucked in
- Khaki pants with belt
- Closed toe shoes
- Jewelry, including earrings for both men and women, should be professional and appropriate
- Visible body piercing and tattoos should be appropriate and NOT distracting.
- Hair must be neatly groomed; may include keeping the hair pulled back and of appropriate length.
- Facial hair is permitted; however, it must be kept professionally and neatly trimmed and groomed.

### **Laboratory Dress Code:**

- NSU AT T-shirt
- NSU AT shorts
- Athletic shoes

Please refer to clinical education section for dress code for clinical education experiences including class time and rotation experiences for Broward Fire Academy.

## **Professional Liability Insurance**

Students in the MSAT program are covered by a blanket liability insurance policy provided by the College of Health Care Sciences at no additional cost to the student. This policy provides coverage to students, instructors, and preceptors during coursework and assigned clinical fieldwork. This policy does not cover activities outside those required and assigned by the ATP (e.g., “extra events” such as high school state tournaments). Students should secure their own personal liability policy for these activities.

## **CLINICAL EDUCATION**

### **Clinical Education Overview**

All clinical education experiences are planned intentionally to integrate coursework seamlessly. These experiences allow students to apply concepts and skills learned in the classroom to individuals and populations in the community. Furthermore, they are designed to provide student with opportunities to further develop and utilize critical thinking and problem-solving skills in a variety of real time practice settings. Students will begin clinical rotations after they are accepted into the program and have completed the first summer semester of coursework. Throughout these experiences students will be supervised by an approved preceptor and have their performance evaluated based on demonstration of skills in clinical practice. Students must be instructed on all athletic training skills prior to performing skills on patients. Attendance to assigned clinical experiences is mandatory and students are expected to conduct themselves with professionalism at all times.

### **Clinical Rotation Plan**

Clinical rotations are scheduled with the intention of allowing students to reinforce didactic instruction with practical application. For this reason, the clinical rotation plan reflects assigned clinical rotations that mirror didactic coursework through type setting, patients and professional interactions. Clinical education assignments will not discriminate based on sex, ethnicity, religious affiliation, or sexual orientation.

Clinical Experience I: Equipment intensive

Clinical Experience II: Lower/upper extremity intensive athletics

Clinical Experience III: Non-orthopedic clinical medicine, non-sport population

Clinical Experience IV: Varies (dependent upon individual immersive experience placement)

Clinical Experience V: orthopedic clinical medicine/rehabilitation clinic

### **Clinical Evaluation Plan**

The clinical experience evaluation will assist both the athletic training student and the preceptor in providing feedback regarding the athletic training student's performance at each rotation. Evaluations will occur mid-semester and at the end of the semester. This feedback is specific to professional behaviors, clinical skills, and the ability for the athletic training student to apply classroom knowledge in the clinical setting. Once the evaluation is completed, both the athletic training student and the preceptor will discuss and sign the evaluation. The form is then delivered electronically via email to the clinical faculty member for review and assessment as part of the clinical course.

### **End of the Level Evaluations**

At the completion of each academic year the athletic training student will complete End of the Level evaluation forms. Additionally, as the athletic training student completes the ATP they will complete a comprehensive program evaluation.

### **Clinical Education Dress Code**

- Khaki/tan pants, capris, or shorts
  - Shorts must be appropriate length
- NSU Polo Shirt
- Appropriate footwear per OSHA requirements (closed-toed shoes)
- Game day dress code will vary among each sport.

### **Dress Code for Clinical Medicine Rotations**

- For men: collared shirt, slacks, and regular shoes
- For women: professional business dress, which includes slacks, pants, and appropriate shoes

### **Dress Code for EMT class and rotations**

- BFA collared shirt
- Navy blue BDU / tactical pants
- Black leather belt
- Black leather work boots (steel toe advised)
- Hair pulled back neatly at all times
- Visible tattoos covered
- BFA t-shirt / BFA shorts for lab and training days

### **General Dress Information**

- SHIRTS MUST BE TUCKED IN AT ALL TIMES! You must wear a belt.
  - Shorts of appropriate length, which is longer than the fingertips.
  - Wear comfortable, athletic-type shoes at all times (No open toe shoes, i.e. sandals, per OSHA regulations).
  - Jewelry, including earrings for both men and women, should be professional and appropriate.
  - Visible body piercing and tattoos should be appropriate and NOT distracting.
  - Tongue piercing may cause a problem if the athletic training student needs to perform CPR. During clinical experience rotations the athletic training student should wear a spacer.
  - Hair must be neatly groomed; this may include keeping the hair pulled back and of appropriate length.
  - Facial hair is permitted; however it must be kept professionally and neatly trimmed and groomed.
  - Use of scented lotion and perfume may be an allergen to some patients and should be used sparingly.
- Students who are dressed inappropriately will be instructed to change into their acceptable uniform or will be asked to leave the clinical site without recording their clinical hours. Preceptors reserve the right to change and/or modify the dress code to meet the specific needs of the setting.

### **Drug Testing Policy**

NSU AT students will be required to submit to urine drug screen testing upon acceptance into the MSAT program. As per CHCS student handbook, the College of Health Care Sciences maintains affiliation agreements with many health care institutions. These affiliation agreements allow for student clinical training experiences within these institutions. Students may be required to undergo random drug screening, at the request of these institutions, prior to entering the facility for training.

**Drug Policy—Zero Tolerance** The College of Health Care Sciences has a zero tolerance policy for drug use. This includes the use of illegal drugs; the use of controlled substances without a prescription; and the use of, or being under the influence of, alcohol while on rotation/clinical experience or in class. Should a student receive a positive drug or alcohol screen and follow-up screen, the student will be expelled from his or her program. If a student reports to the academic program for help with a personal drug or alcohol concern prior to being informed of an impending drug test, the student will be required to report to the dean's office for referral to the HPD Student Assistance Program. The student will only be permitted to report to class or a rotation/clinical experience if cleared by the HPD Student Assistance Program and the College of Health Care Sciences Dean's Office.

## **Background Checks**

Students are required to obtain a background check as per Broward County to attend clinical sites. The background check is a required component of ATTR 1100 Introduction to Athletic Training (offered only in the fall semester). All information is confidential, and if the background check(s) is not passed by Broward County, the student will meet with the ATP faculty committee. A student will not be allowed to attend any clinical rotation until the background check is cleared. Offers of admission to the Professional Phase of the ATP will not be considered final until the completion of the background check is cleared and documented.

## **Immunizations**

All immunizations as previously outlined must be maintained throughout the program and available to provide to clinical site as requested. Some clinical sites may require an annual influenza vaccine which can be obtained as outlined previously and evidence provided to clinical sites as requested.

## **Post-Exposure Policies and Procedures**

As per HPD student handbook, an occupational exposure is considered an urgent medical concern which requires immediate attention for proper medical management. An exposure that might place a student at risk for Hepatitis B Virus, Hepatitis C Virus, or HIV infection is defined as a percutaneous injury (e.g. a needle stick or cut with a sharp object) or contact of mucous membrane or non-intact skin (e.g. exposed skin that is chapped, abraded, or afflicted with dermatitis) with blood, tissue, or other body fluid that are potentially infectious. If a student has experienced such an exposure he or she must not delay in seeking medical care. If the exposure happens Monday-Friday during business hours, a student who is on the Fort Lauderdale/Davie Campus is to immediately contact Infection Control at (954) 262-7352 or the Student Medical Center (8:30 a.m. to 5:00 p.m.) at (954) 262-1270 to report such an incident or to receive appropriate care. If the student is on rotation or at a regional campus, the student must go to the nearest local emergency room for evaluation and treatment. The student also is responsible for immediately notifying a supervisor and the Office of Risk Management. NSU's Post-Exposure Policy and Procedure: [nova.edu/smc/forms/compliance-exposure-policy.pdf](http://nova.edu/smc/forms/compliance-exposure-policy.pdf) Hotline: National Clinician's Post-Exposure Prophylaxis Hotline 888-448-4911.

## **Communicable Disease Policy**

The purpose of this policy is to ensure the welfare of the students enrolled within this program as well as those patients you may come in contact with during your clinical experiences. It is designed to provide athletic training students, preceptors, and faculty with a plan to assist in the management of students with infectious diseases as defined by the Centers for Disease Control and Prevention (CDC). This policy was developed using the recommendations established by the CDC for health care workers ([www.cdc.gov](http://www.cdc.gov)). It is also the intent of the ATP to protect the rights of those infected with a communicable disease pursuant to the Medical (Sick) leave policy of NSU. Employees and students who become infected with a communicable disease should adhere to the NSU guidelines outlined at [www.nova.edu/cwis/hrd/emphanbk/commdis.html](http://www.nova.edu/cwis/hrd/emphanbk/commdis.html).

### *What are Communicable Diseases?*

A communicable disease is a disease that can be transmitted from one person to another. There are four main types of transmission including direct physical contact, air (through a cough, sneeze, or other particle inhaled), a vehicle (ingested or injected), and a vector (via animals or insects).

### *Guidelines for Prevention of Exposure and Infection*

1. Students must successfully complete annual Blood borne pathogens training prior to initiating formal clinical experiences.
2. Students are required to use proper hand washing techniques and practice good hygiene at all times.
3. Students are required to use Universal Precautions AT ALL TIMES. This applies to all clinical sites.
4. Patient care should not be performed when the athletic training student has active signs or symptoms of a communicable disease.

### *Managing Illnesses*

1. Any student who has been exposed to a potential infection before, during, or after a clinical experience should report that exposure to his/her supervising preceptor immediately.
2. Any student, who demonstrates signs or symptoms of infection or disease that may place him/her and/or his/her patients at risk, should report that potential infection or disease immediately to his/her supervising preceptor.
3. The student is responsible for keeping his/her preceptor and the Clinical Director informed of his/her conditions (in compliance with HIPAA) that require extended care and/or missed class/clinical time. The student may be required to provide written documentation from a physician to return to class and/or clinical site.
4. If a student feels ill enough to miss ANY class or clinical experience that student should notify the appropriate instructor or supervising Preceptor immediately. Any extended absence must be supported with written documentation from a physician.

### **Clinical Dismissal**

If a preceptor, mentor, supervisor, or lab director requests that a student be removed from a clinical site, the student will be automatically suspended pending a hearing by the Committee on Student Progress, which may result in course failure and/or dismissal from the program for academic performance and/or unprofessional conduct (even without any prior failure on record).

Students who are dismissed from the program on the basis of unprofessional conduct will not be considered for reenrollment in the program. All guidelines regarding academic honesty, cheating, attendance, and professionalism apply to the clinical experience courses.

### **Supervision Plan**

All students must be directly supervised by a preceptor during delivery of athletic training services. The preceptor must be physically present and have the ability to intervene on behalf of the athletic training student and the patient. Supervision of athletic training students involved in the clinical and/or field experience portion of the Athletic Training Program will be through constant and direct line-of-site visual contact between the preceptor and the athletic training student. This direct supervision provides the student with the best possible learning experience while allowing a strong mentor relationship with the preceptor. It is necessary for the student to build confidence and learn decision-making processes during each clinical experience. "Supervised Autonomy" is requested of the preceptor, as the student gains more knowledge and competence in their clinical skills. Supervised autonomy allows varying degrees of direct supervision and mentoring while the student fosters an independent application of clinical proficiencies and critical thinking skills.

## Transportation

Students are required to provide their own transportation to and from all clinical experiences including associated costs. Public transportation is available to most clinical experience sites.

## Clinical Hours

Clinical hours are tracked by each student using the specified online management system. These hours must be tracked and verified by both student and preceptor on a weekly basis. Students must have at least one day off in every seven- day period. Minimum and maximum clinical experience hours requirements are outlined below:

Course	Weekly Average – minimum	Weekly Average - Maximum	Semester Total – Minimum	Semester Total - Maximum
Clinical Experience I	20	25	280	350
Clinical Experience II	25	30	350	420
Clinical Experience III	3 days per week	4 days per week		
Clinical Experience IV (Immersive)	40	45	560	630
Clinical Experience V	30	35	420	490

## Clinical Orientation

During initial contact with the assigned preceptor, each student is required to complete a site-specific orientation. This orientation must be completed within the first week of clinical rotations and should be submitted to the Clinical Director upon completion. Orientations include site policies and procedures, contact information, expectations and specific instructions for successful completion of clinical assignments.

## Emergency Action Plan

All clinical experience sites have emergency action plans (EAPs) in their policy and procedure manuals. When a student is assigned to a preceptor, he/she must complete an orientation from the preceptor that describes the policies and procedures for that particular clinical experience site.

## Therapeutic Equipment Safety

Each clinical site is responsible for maintaining annual calibration and safety checks for all therapeutic equipment. Should the calibration lapse, students will be removed from the clinical site until safety checks and calibrations have been performed to verify safety of all therapeutic equipment. Students are responsible for verification of this standard upon arrival to each clinical rotation and reporting of any discrepancy to clinical director.

## Travel

Traveling with a sports team is a privilege and should be treated as such. Travel may only occur when invited by a preceptor and on a voluntary basis. Students may not travel alone or without the direct supervision of a preceptor. When traveling with athletic teams, the athletic training student is a representative of NSU and are expected to adhere to all NSU policies and procedures, including dress code. All travel must be approved by clinical director and any travel that conflicts with classroom instruction must be approved by the faculty of the course.



## **Compliance with Policies and Requirements**

By signing below, I \_\_\_\_\_, indicate that I have read, understand, and agree to abide by all of the policies and requirements of the Nova Southeastern University ATP outlined in this student handbook. My questions about these policies and requirements have been answered and I understand that the Program Director and/or Coordinator of Clinical Education can answer additional questions should they arise. This agreement is in effect for the entire academic year and must be renewed annually.

I am aware of the ATP requirements including but not limited to:

- Broward County Background checks and 24-hour self-disclosure if arrested or charged with a crime
- Technical standards (including changes in status) and immunization compliance
- Communicable diseases and blood borne pathogen exposure
- Academic and Clinical Progression for graduation, retention and good standing

I am aware of the ATP policies about clinical experience commitments including but not limited to:

- Academic and non-academic schedule conflicts, punctuality and absenteeism, and outside employment
- Clinical Experience Assignments
- Hours requirements and limits
- Supervision during clinical experience and prohibition of unsupervised practice

I understand that violation of the ATP policies or requirements carries consequences outlined in the Professional Behaviors.

## **Information Release**

I authorize the ATP to provide information about me including my name, likeness, demographic and educational information to their accrediting body (CAATE) as part of program reporting requirements and /or credentialing eligibility verification requirements.

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