

Dual Degree: Doctor of Physical Therapy/Master of Science in Athletic Training

Physical therapy is a challenging and satisfying profession — one with many career pathways from which to choose. One particular pathway is developing a career that specializes in sports medicine. Certified athletic trainers have expertise in preventing, recognizing, managing and rehabilitating injuries that result from athletics and other physical activity. The Dual Degree program DPT/MSAT has been established at Shenandoah University for those students who wish to become members in both professions sharing a common link to become a sports medicine expert clinician. The Dual Degree program offers the student all of the courses required to meet the standards to take the physical therapy licensure examination and the athletic training BOC certification examination. Courses are shared between programs where there is didactic course work that is overlapping between the two professions.

Admission Requirements

This Dual Degree program involves formal admittance into the DPT and MSAT programs as established on the respective pages of this catalog. Additional admission requirements beyond the formal acceptance into each program are listed below:

1. No more than five Dual Degree DPT/MSAT students are admitted annually due to availability of clinical affiliation sites for this program.
2. Applicants must submit a typed letter with the application to the DPT and MSAT programs stating a request for being admitted into the Dual Degree program.
3. Applicants who wish to pursue the Dual Degree program, who have been formally admitted into the DPT and MSAT programs, are ranked on a competitive basis using the admissions criteria established for the DPT and MSAT programs. Admission into the Dual Degree DPT/MSAT program is granted to the top five applicants.

Application Deadline

Dual major DPT/MSAT applications must be postmarked by February 1.

Degree Requirements

The dual DPT/MSAT degree requirement is successful completion of the credit hours of the combined programs with a grade point average of 2.8 or better.

Requirements for the Dual DPT/MSAT Degree

Summer, Year 1

Course	Title	Credit Hours	
AT 501	Risk Management and Emergency Care for Athletes	3	
AT 511	Advanced AT Techniques	2	
AT 521	Functional Human Anatomy I	2	
AT 523	Therapeutic Exercise I	1	
AT 531	Pathology/Evaluation of Athletic Injury I	3	
AT 541	Therapeutic Modalities I	2	
	Subtotal Hours	13	
	Subtotal Audit Hours	0	

Fall, Year 1

Course	Title	Credit Hours	
PT 603	Gross Human Anatomy I	4	
PT 609	Examination and Intervention	4	
PT 623	Histophysiological Aspects of Movement I	3	
PT 643	Evidence-Based Practice: Introduction to Research Design 3		
PT 653	Professional Issues I	3	

PT	761	Clinical Conference I	1
AT	591	Clinical Field Experience 1 for Dual Degree MSAT/DPT	2
		Subtotal Hours	20
		Subtotal Audit Hours	0

Spring, Year 1

Course	Title	Credit Hours	
PT	604	Gross Human Anatomy II	4
PT	610	Musculoskeletal System I	3
PT	624	Histophysiological Aspects of Movement II	3
PT	656	Clinical Practicum I	1
PT	672	Functional Neuroanatomy	3
PT	682	Medical Foundations	2
PT	685	Psychosocial Aspects of PT	2
AT	592	Clinical Field Experience II for Dual Degree MSAT/DPT	2
		Subtotal Hours	20
		Subtotal Audit Hours	0

Summer, Year 2

Course	Title	Credit Hours	
AT	623	Therapeutic Exercise II	1
AT	631	Pathology/ Evaluation of Athletic Injury II	3
AT	643	Advance Rehabilitation in Athletic Training	3
AT	621	Functional Human Anatomy II (2 audit hours)	0
AT	641	Therapeutic Modalities II	2
		Subtotal Hours	9
		Subtotal Audit Hours	2

Fall, Year 2

Course	Title	Credit Hours	
PT	709	Musculoskeletal System II	3
PT	721	Pathology	3
PT	751	Clinical Practicum II	1
PT	762	Clinical Conference II	1
PT	771	Adult Neurotherapeutics	4
PT	781	Gait Analysis and Biomechanics	3
PT	790	Therapeutic Exercise (1 audit hour)	0
AT	571	Sports Nutrition	3
AT	593	Clinical Field Experience 3 for Dual Degree MSAT/DPT	2
		Subtotal Hours	20
		Subtotal Audit Hours	1

Spring, Year 2

Course	Title	Credit Hours	
PT	703	Pediatric Physical Therapy	4
PT	710	Musculoskeletal System III	4
PT	732	Professional Issues II	2
PT	744	Prosthetics and Orthotics	2
PT	752	Clinical Practicum III	1
PT	792	Physical Agents (3 audit hours)	0

PT	891	Integumentary Disorders	1
AT	504	Psych Intervention/Referral in AT	3
AT	514	Pharmacology in AT	2
AT	594	Clinical Field Experience 4 for Dual Degree MSAT/DPT	2
		Subtotal Hours	21
		Subtotal Audit Hours	3
Summer, Year 3			
Course	Title	Credit Hours	
PT	753	Clinical Internship I	3
		Subtotal Hours	3
Fall, Year 3			
Course	Title	Credit Hours	
PT	805	Gross Human Anatomy III	1
PT	821	Cardiovascular and Pulmonary Physical Therapy	3
PT	831	Professional Issues III	2
PT	861	Clinical Conference III	1
PT	881	Advanced Topics	1
PT	897	Comprehensive Examination	1
PT	898	Evidence Based Practice: Advanced Critical Analysis of the Literature and Implementing Research	3
AT	633	Clinical Medicine	3
AT	745	Industrial Rehabilitation/Ergonomics	2
		Subtotal Hours	17
		Subtotal Audit Hours	0
Spring, Year 3			
Course	Title	Credit Hours	
PT	832	Establishing a Physical Therapy Practice/Direct Access	3
AT/PT	691	AT Clinical Field experience V for Dual Degrees/ PT Clinical Internship II	6
AT	670	Health Care Administration	2
AT	711	Theories and Practice of Conditioning Athletes	3
		Subtotal Hours	14
		Subtotal Audit Hours	0
Summer, Year 4			
Course	Title	Credit Hours	
PT	855	Clinical Affiliation III	6
		Subtotal Hours	6
		Subtotal Audit Hours	0
Fall, Year 4			
Course	Title	Credit Hours	
AT	692	Clinical Field Experience VI for Dual Degrees	4
AT	774	Senior Seminar	1
		Subtotal Hours	5
		Total Semester Hours	148
		Total Audit Hours	6