

Athletic Training Program Curriculum Guide

Athletic Training Program Purpose

The purpose of the Athletic Training program is to prepare post-professional athletic trainers with advanced knowledge and skills in physical examination and diagnosis, orthopaedic rehabilitation, and pediatric athletic training, in a manner that emphasizes professionalism, evidence-based practice, clinical outcomes assessment, and healthcare informatics and technology, thus enabling them to provide patient-centered whole person healthcare.

Athletic Training Program Points of Distinctiveness

The Athletic Training program is developed around three points of distinctiveness which are related to the faculty expertise; academic courses; and the program's clinical, administrative, teaching, and research components

1. Advanced knowledge and clinical practice skills in physical examination and diagnosis, orthopaedic rehabilitation, and pediatric athletic training.
2. The provision of patient-centered whole person healthcare services emphasizing evidence-based clinical practice, clinical outcomes assessment, and healthcare informatics.
3. Professionalism as a healthcare provider with knowledge of key healthcare dynamics in the United States and advanced knowledge and skills in athletic training leadership, administration, and management.

Athletic Training Program Outcomes

Upon completion of the ATSU Post-Professional Graduate Athletic Training Education Program, students' will be able to achieve the following outcomes:

1. Demonstrate a high degree of professionalism as a healthcare provider.
2. Practice athletic training in a manner that integrates clinical experience, patient values, and the best available evidence.
3. Employ clinician-based and patient-based clinical outcome measures to determine the effectiveness of athletic training services.
4. Utilize healthcare informatics and technology to communicate, manage knowledge, mitigate error, and support decision-making in athletic training practice.
5. Provide patient-centered whole person athletic training services.
6. Demonstrate advanced knowledge and clinical practice skills in physical examination and diagnosis.
7. Demonstrate advanced knowledge and clinical practice skills in orthopaedic rehabilitation.
8. Demonstrate advanced knowledge and clinical practice skills in pediatric athletic training.
9. Demonstrate advanced knowledge and skills in athletic training leadership, administration, and management.
10. Demonstrate knowledge and skills for designing, conducting, analyzing, and disseminating athletic training research.

FIRST YEAR / Fall Quarter		Credit Hours
AT 5050	Advanced Practice: Heat Illness	1
AT 5060	Introduction to Clinical Outcomes Research	1
AT 5070	Sport-Related Concussion	1
AT 5110	Evidence-Based Practice	3
AT 5130	Healthcare Outcomes	3
AT 5140	Advanced Practice: Current Topics	1
HS 510	Human Anatomy I	<u>4</u>
		14
FIRST YEAR / Winter Quarter		
AT 5200	Orthopaedic Physical Examination and Diagnosis: Upper Extremity	4
AT 5220	Advanced Practice: Patient Oriented Assessment	1
HS 520	Human Anatomy II	4
HS 522	Research Methods and Design	<u>3</u>
		12
FIRST YEAR / Spring Quarter		
AT 5300	Orthopaedic Physical Examination and Diagnosis: Lower Extremity	4
AT 5310	Medical Examination and Management	3
AT 5320	Advanced Practice: Throwing Injuries	1
HS 532	Methods of Data Analysis	<u>3</u>
		11
FIRST YEAR / Summer Quarter		
AT 5470	Thesis I	<u>5</u>
		5

SECOND YEAR / Fall Quarter		Credit Hours
AT 6060	Neurophysiology of the Sensorimotor System	1
AT 6110	Orthopaedic Basic Science	4
AT 6120	Sports Injury Epidemiology	3
AT 6125	Healthcare Informatics and Technology	3
AT 6140	Advanced Practice: Current Topic	<u>1</u>
		12
SECOND YEAR / Winter Quarter		
AT 6210	Orthopaedic Rehabilitation	4
AT 6220	Health Policy and Jurisprudence	3
AT 6230	Pediatric Athletic Healthcare	1
AT 6240	Advance Practice: Student Directed	<u>1</u>
		9
SECOND YEAR / Spring Quarter		
AT 6311	Surgical Considerations for Orthopaedic Rehabilitation	4
AT 6320	Leadership and Professionalism in Healthcare	3
AT 6330	Advanced Practice: Assessment of Functional Performance	<u>1</u>
		7
SECOND YEAR / Summer Quarter		
AT 6470	Thesis II	<u>5</u>
		5
TOTAL CREDIT HOURS		76

Information contained in this curriculum guide is subject to change.

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 ATSU is an equal employment opportunity/affirmative action institution.