

EXERCISE AND ATHLETIC TRAINING

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The Exercise and Rehabilitative Sciences Department is comprised of the undergraduate Exercise Science (<https://catalog.sru.edu/undergraduate/health-professions/exercise-science-and-athletic-training/>) program, the graduate Master of Science in Athletic Training (<https://catalog.sru.edu/graduate/health-professions/exercise-science-and-athletic-training/athletic-training-ms/>) program.

Athletic Training Program Director

Kim Keeley

Athletic Training Program Website URL (<https://www.sru.edu/academics/colleges-and-departments/ches/departments/athletic-training/>)

Athletic Training Fact Sheet URL (<https://www.sru.edu/documents/programs/factsheets/graduate/FS-AT.pdf>)

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Programs

- Athletic Training, Master of Science (MS) (<https://catalog.sru.edu/graduate/health-professions/exercise-science-and-athletic-training/athletic-training-ms/>)

Courses

ATTR 590 - Experimental

A unique and specifically focused course within the general purview of a department which intends to offer it on a "one time only" basis and not as a permanent part of the department's curriculum.

Credits: 1-3
Term(s) Typically Offered: Offered as Needed
Enrollment limited to students with a semester level of Graduate.

ATTR 595 - Workshop

A workshop is a program which is usually of short duration, narrow in scope, often non-traditional in content and format, and on a timely topic.

Credits: 1-6
Term(s) Typically Offered: Offered as Needed
Enrollment is limited to Graduate level students.

ATTR 601 - Athletic Training Foundations and Techniques I

This course is designed to serve as an introduction to athletic training by providing an overview of the Athletic Training domains of practice. Students will both gain foundational theoretical knowledge and apply concepts in practical, hands-on applications of the content.

Credits: 3
Term(s) Typically Offered: Offered Summer Terms
Enrollment limited to students with a semester level of Graduate.
Enrollment limited to students in the MS 9AT3 or MS 9MAT programs.

ATTR 602 - Athletic Training Foundations and Techniques II

This course is designed to advance the foundational concepts learned in ATTR 601 and provide a more in-depth exploration of the Athletic Training domains of practice related to Examination, Assessment and Diagnosis and Therapeutic Intervention. Students will understand theoretical knowledge and how to apply concepts in a practical, hands on application.

Prerequisite: ATTR 601^C
^C Requires minimum grade of C.
Credits: 3
Term(s) Typically Offered: Offered Fall Terms
Enrollment limited to students with a semester level of Graduate.
Enrollment is limited to students with a program in Athletic Training.

ATTR 603 - Evidence-Based Practice in Athletic Training

This course will provide essential information on the concepts and steps of evidence-based practice (EBP) as it relates to athletic training. The goal of the course is to teach students how to become consumers of research and evidence-based clinicians. Students will learn how to use the best available research evidence, their clinical experience, and patient values to make patient-centered care decisions while focusing on clinician and patient oriented outcomes.

Prerequisite: ATTR 601^C
^C Requires minimum grade of C.

Credits: 3
Term(s) Typically Offered: Offered Fall Terms
Enrollment limited to students with a semester level of Graduate.
Enrollment is limited to students with a program in Athletic Training.

ATTR 604 - Clinical Anatomy and Kinesiology in Athletic Training - I

This course is designed to integrate cognitive and psychomotor knowledge and skills specific to applied human anatomy and movement in the lower extremity. Students will explore the relationship between structure and function as it related to physical activity, injuries and medical conditions of the lower extremities. An emphasis will be placed on biomedical, neuromuscular, and anatomical perspective as they relate to athletic training interventions.

Prerequisite: ATTR 601^C
^C Requires minimum grade of C.

Credits: 3
Term(s) Typically Offered: Offered Fall Terms
Enrollment limited to students with a semester level of Graduate.
Enrollment is limited to students with a program in Athletic Training.

ATTR 605 - Lower Extremity Evaluation and Rehabilitation

This course is designed to fully integrate the knowledge and skills needed to deliver comprehensive patient care from initial evaluation through return to activity. This will include the areas of recognition, evaluation, diagnosis, modality application, and the creation and facilitation of rehabilitation protocols for injuries and conditions of the lower extremity. Laboratory included.

Prerequisite: ATTR 601^C
^C Requires minimum grade of C.

Credits: 6
Term(s) Typically Offered: Offered Fall Terms
Enrollment limited to students with a semester level of Graduate.
Enrollment is limited to students with a program in Athletic Training.

ATTR 606 - Upper Extremity Evaluation and Rehabilitation

This course is designated to fully integrate the knowledge and skills needed to deliver comprehensive patient care from initial evaluation through return to activity. This will include the areas of recognition, evaluation, diagnosis, modality application, and the creation and facilitation of rehabilitation protocols for injuries and conditions of the upper extremity. Laboratory included.

Prerequisite: ATTR 605^C
^C Requires minimum grade of C.

Credits: 6
Term(s) Typically Offered: Offered Spring Terms
Enrollment limited to students with a semester level of Graduate.
Enrollment is limited to students with a program in Athletic Training.

ATTR 607 - General Medicine Concepts in Athletic Training

This course is designed to integrate cognitive knowledge and abilities with the practical application of psychomotor skills specific to the assessment and management of general medical conditions. This course will also provide foundational knowledge and application related to pharmacology. Laboratory included.

Prerequisite: ATTR 605^C

^C Requires minimum grade of C.

Credits: 3

Term(s) Typically Offered: Offered Spring Terms

Enrollment limited to students with a semester level of Graduate.

Enrollment is limited to students with a program in Athletic Training.

ATTR 608 - Clinical Anatomy and Kinesiology in Athletic Training - II

This course is designed to integrate cognitive and psychomotor knowledge and skills specific to applied human anatomy and movement in the upper body. Students will explore the relationship between structure and function as it relates to physical activity, injuries and medical conditions of the upper body. An emphasis will be placed on biomechanical, neuromuscular, and anatomical perspectives as they relate to athletic training interventions.

Prerequisite: ATTR 604^C

^C Requires minimum grade of C.

Credits: 3

Term(s) Typically Offered: Offered Spring Terms

Enrollment limited to students with a semester level of Graduate.

Enrollment is limited to students with a program in Athletic Training.

ATTR 609 - Head and Spine Evaluation and Rehabilitation

This course is designed to fully integrate the knowledge and skills needed to deliver comprehensive patient care from initial evaluation through return to activity. This will include the areas of recognition, evaluation, diagnosis, modality application, and the creation and facilitation of rehabilitation protocols for injuries and conditions of the head and spine. Laboratory included.

Prerequisite: ATTR 605^C

^C Requires minimum grade of C.

Credits: 3

Term(s) Typically Offered: Offered Spring Terms

Enrollment limited to students with a semester level of Graduate.

Enrollment is limited to students with a program in Athletic Training.

ATTR 610 - Athletic Training Clinical Experiences I

This course is designed to provide opportunities for students to apply acquired athletic training knowledge and skills in the clinical setting under the direct supervision of a program approved clinical preceptor. Emphasis is placed on practicing, implementing and reinforcing the current professional standards at an "Advanced Beginner" level of understanding in the learning over time model.

Prerequisite: ATTR 601^C

^C Requires minimum grade of C.

Credits: 3

Term(s) Typically Offered: Offered Fall Terms

Enrollment limited to students with a semester level of Graduate.

Enrollment is limited to students with a program in Athletic Training.

ATTR 690 - Experimental

A unique and specifically focused course within the general purview of a department which intends to offer it on a "one time only" basis and not as a permanent part of the department's curriculum.

Credits: 1-3

Term(s) Typically Offered: Offered as Needed

Enrollment limited to students with a semester level of Graduate.

ATTR 695 - Workshop

A workshop is a program which is usually of short duration, narrow in scope, often non-traditional in content and format, and on a timely topic.

Credits: 1-6

Term(s) Typically Offered: Offered as Needed

Enrollment is limited to Graduate level students.

ATTR 700 - Independent Study

Independent Study courses give students the opportunity to pursue research and/or studies that are not part of the university's traditional course offerings. Students work one on one or in small groups with faculty guidance and are typically required to submit a final paper or project as determined by the supervising professor.

Credits: 1-3

Term(s) Typically Offered: Offered as Needed

Enrollment is limited to Graduate level students.

ATTR 710 - Athletic Training Clinical Experience II

This course is designed to provide opportunities for students to apply acquired athletic training knowledge and skills in the clinical setting under the direct supervision of a program approved clinical preceptor. Emphasis is placed on practicing, implementing and reinforcing the current professional standards at a "Competent" level of understanding in the learning over time model.

Prerequisite: ATTR 610^C

^C Requires minimum grade of C.

Credits: 3

Term(s) Typically Offered: Offered Spring Terms

Enrollment limited to students with a semester level of Graduate.

Enrollment is limited to students with a program in Athletic Training.

ATTR 715 - Advanced Interventions and Techniques in Athletic Training

This course is designed to facilitate the learning of contemporary and sophisticated knowledge and skills specific to advanced therapeutic interventions and complex healthcare management. Content will be consistent with the expected and emerging scope of practice for the athletic trainer. Laboratory included.

Prerequisite: ATTR 750^C

^C Requires minimum grade of C.

Credits: 3

Term(s) Typically Offered: Offered Spring Terms

Enrollment limited to students with a semester level of Graduate.

Enrollment is limited to students with a program in Athletic Training.

Enrollment limited to students in a Master of Science degree.

Enrollment limited to students in the College of Engineering & Science college.

ATTR 725 - Athletic Training Administration

This course is designed to study topics relevant to management, organization, administration and professional development of the athletic trainer specific to employment and practice within the healthcare system.

Prerequisite: ATTR 710^C

^C Requires minimum grade of C.

Credits: 3

Term(s) Typically Offered: Offered Fall Terms

Enrollment limited to students with a semester level of Graduate.

Enrollment is limited to students with a program in Athletic Training.

ATTR 750 - Advanced Athletic Training Clinical Residency

This course is designed to immerse students in the professional practice of athletic training in an authentic clinical setting under the direct supervision of a program approved clinical preceptor. Emphasis is placed on demonstrating mastery of previously learned content.

Prerequisite: ATTR 710^C

^C Requires minimum grade of C.

Credits: 6

Term(s) Typically Offered: Offered Fall Terms

Enrollment limited to students with a semester level of Graduate.

Enrollment is limited to students with a program in Athletic Training.

ATTR 755 - Advanced Synthesis in Athletic Training

This capstone course will allow students to synthesize, analyze and apply theoretical content to achieve comprehensive, higher order clinical reasoning in the practice of athletic training. This course will prepare students for the national certification examination, incorporating comprehensive didactic and clinical examination assessment methods. Students will focus on successfully transitioning to employment in a variety of athletic training settings.

Prerequisite: ATTR 750^C

^C Requires minimum grade of C.

Credits: 3

Term(s) Typically Offered: Offered Spring Terms

Enrollment limited to students with a semester level of Graduate.

Enrollment is limited to students with a program in Athletic Training.

ATTR 760 - Athletic Training Clinical Experiences III

This course is designed to provide opportunities for students to apply acquired athletic training knowledge and skills in the clinical setting under the direct supervision of a program approved clinical preceptor. Emphasis is placed on practicing, implementing and reinforcing the current professional standards at a "Proficient" level of understanding in the learning over time model.

Prerequisite: ATTR 750^C

^C Requires minimum grade of C.

Credits: 3

Term(s) Typically Offered: Offered Spring Terms

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ATTR 795 - Workshop

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Credits: 1-6

Term(s) Typically Offered: Offered as Needed

Enrollment is limited to Graduate level students.