

NDSU | Professional Athletic Training Program

Course Descriptions

HNES 720 Advanced Emergency Care (3 cr)

This course will introduce advanced emergency care techniques as well as reinforce basic knowledge already learned in previous course work. Certified Athletic Trainers are expected to perform life-saving measures and this course will develop the skills needed to treat athletes and lay public with evidence based medical care.

HNES 770 Evidence Based Research and Practice (2 cr)

This course introduces students to current evidence-based research methods and the importance of conducting and interpreting athletic training research.

HNES 772 Prevention and Health Promotion in Athletic Training (2 cr)

General nutrition, prevention and health promotion concepts, and psychosocial and mental health aspects in athletic training.

HNES 773 Athletic Training Capstone (2 cr)

Comprehensive review of patient case scenarios using evidence-based practice for clinical integration as a healthcare professional.

HNES 774 Therapeutic Exercise (3 cr)

Therapeutic interventions involving rehabilitative techniques, equipment, and activities using body movements to enhance function, prevent impairments and activity restrictions to maximize participation and health-related quality of life.

HNES 775 Therapeutic Modalities (3 cr)

Therapeutic interventions involving contemporary modalities to prevent and treat orthopedic injuries to restore and enhance function and maximize participation and health-related quality of life.

HNES 776 Non-Orthopedic Assessment (3 cr)

Clinical evaluation and diagnosis of non-orthopedic conditions and illnesses.

HNES 778 Athletic Training Administration and Professional Development (3 cr)

Understand the Health care system and professional competence as related to athletic training.

HNES 780 (3 cr) Athletic Training Techniques

Exposure to a variety of foundational athletic training skills and techniques.

HNES 781 Orthopedic Assessment I (4 cr)

Clinical evaluation and diagnosis of the lower extremity.

HNES 782 Orthopedic Assessment II (5 cr)

Clinical evaluation of the upper extremity, head, and spine.

HNES 794 Practicum – AT Clinical Experience I (2 cr)

Clinical experiences and mastery of completed proficiencies.

HNES 794 Practicum – AT Clinical Experience II (2 cr)

Clinical experiences and mastery of completed proficiencies.

HNES 794 Practicum – AT Clinical Experience III (3 cr)

Clinical experiences and mastery of completed proficiencies.

HNES 794 Practicum – AT Clinical Experience IV (3 cr)

Clinical experiences and mastery of completed proficiencies.