

# KINESIOLOGY (KINS)

---

## KINS 101 Specialty (0.5-2 crs)

- *Special course fee may apply.*

Special class activity to be offered as expertise is available.

Attributes: Physical Activity  
Repeat: Course may be repeated

---

## KINS 108 Intercollegiate Athletics (1 cr)

Prerequisite: Eligible to practice as defined by the Wisconsin Intercollegiate Athletic Conference.

Consent: Department Consent Required

The student will participate in the physical activity and lectures pertaining to the preparation of a varsity athletic team for a season and the contests included in that season.

Attributes: Physical Activity  
Grading Basis: S/U Only Grade Basis

---

## KINS 186 Wellness Concepts and Health Related Fitness (2 crs)

Students will work to develop health-related fitness and will learn the importance of wellness concepts such as health-related fitness, stress management, nutrition, and consumer responsibility in health and fitness.

Attributes: Physical Activity, Wellness Theory  
Lecture/Discussion Hours: 1  
Lab/Studio Hours: 2

---

## KINS 200 Orientation to Kinesiology (1 cr)

Prerequisite: No credit if taken after KINS 191.

Introduction to disciplines and professions in Kinesiology. Students will become familiar with the possible options available for majors and minors as well as potential careers compatible with a Kinesiology degree.

Grading Basis: S/U Only Grade Basis  
Lecture/Discussion Hours: 1  
Lab/Studio Hours: 0

---

## KINS 275 Prevention and Care of Athletic/Exercise Injuries (3 crs)

Prerequisite: KINS 294

Consent: Department Consent Required

- *Evidence of CPR & First Aid certification is required for enrollment.*

This lecture/lab based course is an introduction to the basic concepts and fundamentals of the prevention, recognition, treatment, and rehabilitation of athletic or exercise-related injuries.

Attributes: Special Course Fee Required  
Grading Basis: A-F Grades Only  
Lecture/Discussion Hours: 2  
Lab/Studio Hours: 2

---

## KINS 290 Introduction to Physical Education (3 crs)

Prerequisite: Limited to Physical Education Teaching majors and Exercise Science majors.

Introduction to physical education including understanding the teaching/learning process, effective teaching skills, and context and reflection.

Lecture/Discussion Hours: 3  
Lab/Studio Hours: 0

---

## KINS 292 Management and Coaching Theory (2 crs)

- *The course follows American Sports Education Program (ASEP) guidelines, and students have the option to take the ASEP certification exam for a fee.*

An introduction to the coaching profession including current management principles and practices.

Lecture/Discussion Hours: 2  
Lab/Studio Hours: 0

---

## KINS 294 Anatomical Kinesiology (3 crs)

Introduction to human anatomy and the basic structure of the body's major systems. An emphasis will be placed on the musculoskeletal system and an understanding of its relationship to human movement.

Lecture/Discussion Hours: 3  
Lab/Studio Hours: 1

---

## KINS 300 Planning, Implementation, and Assessment: Invasion Games (2 crs)

Prerequisite: KINS 290. Limited to Physical Education Teaching and Exercise Science majors

- *Exercise Science majors will need department consent if KINS 290 not taken.*

Students enrolled in this course will design comprehensive invasion games units utilizing various instructional models, such as: sport education, peer teaching and tactical games.

Lecture/Discussion Hours: 3  
Lab/Studio Hours: 0

---

## KINS 301 Planning, Implementation, and Assessment: Adventure Activities (2 crs)

Prerequisite: KINS 290. Limited to Physical Education Teaching and Exercise Science majors

- *Exercise Science majors will need department consent if KINS 290 not taken.*

Observation and participation in selected adventure activities led by master teachers; lesson planning and peer teaching.

Attributes: Special Course Fee Required  
Lecture/Discussion Hours: 3  
Lab/Studio Hours: 0

---

**KINS 302 Planning, Implementation, and Assessment: Rhythms and Dance (2 crs)**

Prerequisite: KINS 290. Limited to Physical Education Teaching majors. Students will explore a wide range of rhythm and dance activities for school-aged children, including: cultural, line, square and social genres.

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

---

**KINS 303 Planning, Implementation, and Assessment: Fitness Concepts (3 crs)**

Prerequisite: KINS 290. Limited to Physical Education Teaching and Exercise Science majors.

- *Exercise Science majors will need department consent if KINS 290 not taken. Participation in this course is based on successful completion of criminal background check and youth protection requirement. Maintenance of current American Red Cross First Aid and CPR certification or equivalent.*

Prospective teachers completing this course will acquire the dispositions, knowledge, and performance competencies related to appropriate health-related fitness of school-aged children in K-12 physical education. Opportunity to earn SHAPE America's Physical Best Specialist certificate.

Lecture/Discussion Hours: 2

Lab/Studio Hours: 2

---

**KINS 304 Biomechanical Kinesiology (3 crs)**

Prerequisite: KINS 294, PHYS 100 or PHYS 211, all with C or above. Minimum total GPA of 2.35.

The relationship of motion, kinematics, kinetics, and fluid mechanics to human movement.

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

---

**KINS 305 Planning, Implementation, and Assessment: Net Games (2 crs)**

Prerequisite: KINS 290. Limited to Physical Education Teaching and Exercise Science majors

- *Exercise Science majors will need department consent if KINS 290 not taken.*

Students will acquire the dispositions and knowledge to teach net activities within a secondary physical education setting.

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

---

**KINS 308 Exercise Physiology (3 crs)**

Prerequisite: Grade of C or above in KINS 294. Minimum total GPA of 2.35.

The physiological basis of human movement and the functional changes in body systems as a result of exercise.

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

---

**KINS 309 Introduction to Exercise Science (3 crs)**

Prerequisite: Completion of or concurrent enrollment in KINS 304 and KINS 308. Minimum total GPA of 2.50. Minimum sophomore standing.

- *2.50 GPA required in major degree program.*

Introduction to the foundational concepts associated with physical activity, fitness, and health that underlie the advanced study of exercise prescription and programming.

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

---

**KINS 312 Psychology of Sport and Physical Activity (3 crs)**

Prerequisite: Grade of C or above in KINS 304 and KINS 308. Minimum total GPA of 2.50. Grade of C or above in KINS 309 also required for Exercise Science majors.

The course will examine psychological aspects which affect peak performance in sport, along with exploring the effect that sport and physical activity have on individuals.

Attributes: Undergraduate/Graduate Offering

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

---

**KINS 313 Sociology of Sport and Physical Activity (3 crs)**

Prerequisite: Minimum total GPA of 2.50.

Introduction to the social influences on sport and physical activity as well as the influence sport has on society.

Attributes: Cultural Diversity 1 cr., Undergraduate/Graduate Offering

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

---

**KINS 320 Foundations of Rehabilitation Science (3 crs)**

Prerequisite: KINS 308 or concurrent enrollment. Minimum resident and total GPA of 2.75. Limited to pre-Rehabilitation Science majors or consent of instructor.

Introduction to the historical, philosophical, and theoretical foundations of rehabilitation science. The course also provides information on current trends and issues in rehabilitation science research.

Grading Basis: A-F Grades Only

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

---

**KINS 327 Movement Education for Elementary Grades (2 crs)**

Prerequisite: Limited to Physical Education Teaching major who have completed KINS 290.

- *Participation in this course is based on successful completion of criminal background check and youth protection requirement.*

A theory and methods course in elementary physical education teaching and classroom physical activity. Prospective teachers completing this course will acquire the dispositions, knowledge, and performance to teach movement concepts to school-aged children. Students will spend approximately 10 hours with homeschooled K-12 students on campus.

Lecture/Discussion Hours: 2.5

Lab/Studio Hours: 0

---

**KINS 335 Introduction to School Health Education and Current Health Issues (3 crs)**

Prerequisite: KINS 290

A theory-and activity-based course in which students will discover the importance of health education in the schools and explore current health issues surrounding our nation's youth.

Attributes: Wellness Theory, Undergraduate/Graduate Offering

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

**KINS 336 Strategies and Assessment in School Health Education (3 crs)**

Prerequisite: KINS 335/KINS 535

This course will focus on using experiential learning techniques and developing authentic assessments to be used in school health education classes. Student completes approximately 10-15 hours of observation/teaching.

Attributes: Undergraduate/Graduate Offering

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

**KINS 337 Health Education Curriculum Design (3 crs)**

Prerequisite: KINS 336/KINS 536

Students will design and evaluate the effectiveness of School Health Education Curricula. Students will plan effective comprehensive health instruction with special emphasis on making curricular connections to effectively integrate health content into multiple disciplines. Student completes approximately 10-15 hours of observation/teaching.

Attributes: Undergraduate/Graduate Offering

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

**KINS 346 Academic Apprenticeship in Kinesiology (1-3 crs)**

Consent: Instructor Consent Required

Experience for qualified students, supervised by Kinesiology faculty, to facilitate teaching and learning in a specific course. Students will enhance their knowledge of the discipline and their ability to communicate this understanding to their peers.

Attributes: Undergraduate/Graduate Offering

Repeat: Course may be repeated for a maximum of 6 credits

**KINS 347 Coaching Apprenticeship (1-3 crs)**

Prerequisite: KINS 292 or consent of instructor.

Consent: Instructor Consent Required

Experience for qualified students, selected and supervised by faculty members, to facilitate coaching and learning in a coaching setting. Students enhance their knowledge and their ability to communicate that knowledge to other students.

Attributes: Undergraduate/Graduate Offering

Repeat: Course may be repeated for a maximum of 6 credits

**KINS 348 Exercise Science Apprenticeship (1-3 crs)**

Prerequisite: KINS 309 or consent of instructor.

Consent: Instructor Consent Required

Experience for qualified students, selected and supervised by faculty members, to facilitate teaching and learning in an exercise science setting. Students enhance their knowledge and their ability to communicate that knowledge to other students.

Attributes: Undergraduate/Graduate Offering

Repeat: Course may be repeated for a maximum of 6 credits

**KINS 350 Apprentice in Teaching Physical Education (1-3 crs)**

Prerequisite: KINS 290 or consent of instructor.

Consent: Instructor Consent Required

Experience for qualified students, selected and supervised by faculty members, to facilitate teaching and learning in a specific course. Students enhance their knowledge and their ability to communicate that knowledge to other students.

Attributes: Undergraduate/Graduate Offering

Repeat: Course may be repeated for a maximum of 6 credits

**KINS 351 Cancer Recovery and Fitness Lab (1 cr)**

Prerequisite: KINS 355, 358. Minimum GPA of 2.50. Limited to Rehabilitation Science and Exercise Science majors and Kinesiology minors; or consent of instructor.

Consent: Instructor Consent Required

Lecture/ Experience for qualified students, selected and supervised by faculty members, to facilitate applied experiential learning in the field of exercise and cancer recovery. Students enhance their knowledge and ability to communicate that knowledge to others.

Repeat: Course may be repeated for a maximum of 2 credits

Discussion Hours: 0

Lab/Studio Hours: 2

**KINS 352 Cancer Recovery and Fitness Seminar (1 cr)**

Prerequisite: KINS 355 and 358 for Rehabilitation Science majors. Minimum 2.50 grade point average. Instructor consent required for other majors.

Consent: Instructor Consent Required

A seminar experience designed for students interested in the area of exercise rehabilitation with cancer survivorship. Students will gain knowledge related to cancer treatment and side-effects, the benefits and fundamentals of exercise principles in cancer recovery, and will gain valuable information related to the survivorship issues currently dealt with in the Cancer Recovery and Fitness community outreach program.

Grading Basis: A-F Grades Only

Lecture/Discussion Hours: 1

Lab/Studio Hours: 0

**KINS 354 Laboratory Procedures in Exercise Science (3 crs)**

Prerequisite: KINS 308 and KINS 309 (Grade of C or above); GPA of 2.5 or above  
A theory and laboratory course of the measurement and analysis of the physiology tests for health, performance, and research commonly used in an exercise physiology laboratory.

Attributes: Special Course Fee Required

Grading Basis: A-F Grades Only

Lecture/Discussion Hours: 2

Lab/Studio Hours: 2

---

**KINS 355 Exercise Physiology Laboratory Assessment (3 crs)**

Prerequisite: KINS 304, KINS 308, and KINS 320; concurrent enrollment with KINS 358 and KINS 484. Limited to Rehabilitation Science majors.

A theory and lab course of the measurement and analysis of the physiology tests for health and performance commonly used in a human performance lab.

Attributes: Special Course Fee Required

Lecture/Discussion Hours: 2

Lab/Studio Hours: 2

---

**KINS 357 Essentials of Strength and Conditioning (3 crs)**

Prerequisite: Grade of C or above in KINS 304 and KINS 308. Minimum total GPA of 2.50. Grade of C or above in KINS 309 also required for Exercise Science majors.

This course provides an introduction to strength and conditioning program design, implementation, and evaluation.

Attributes: Undergraduate/Graduate Offering, Special Course Fee Required

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

---

**KINS 358 Fitness Assessment and Exercise Prescription (4 crs)**

Prerequisite: KINS 304, KINS 308, and KINS 320; concurrent enrollment with KINS 355 and KINS 484. Limited to admitted Rehabilitation Science majors.

This course provides students with the theoretical knowledge and practical skills required of the entry-level exercise specialist.

Lecture/Discussion Hours: 3

Lab/Studio Hours: 2

---

**KINS 391 Special Topics (1-3 crs)**

Prerequisite: Limited to Exercise Science, Rehabilitation Science, and Physical Education Teaching majors.

Special topic in kinesiology.

Attributes: Undergraduate/Graduate Offering

---

**KINS 426 Motor Development Across the Lifespan (3 crs)**

Prerequisite: Grade of C or above in KINS 294, KINS 304, and KINS 308. Limited to Exercise Science, Rehabilitation Science, Physical Education Teaching majors and Kinesiology minors. Other majors/minors by consent of instructor. Minimum total GPA of 2.35.

• *KINS 304 and KINS 308 are recommended prior to enrollment in this course.*

A study of changes in motor behavior across the lifespan, the processes that underlie these changes, and factors that affect them.

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

---

**KINS 440 Rehabilitation Science Seminar (2 crs)**

Prerequisite: Limited to Rehabilitation Science majors. KINS 473 must be taken concurrently.

The primary purpose of this course is to provide students with an opportunity to review the critical knowledge, skills, and abilities developed throughout the curriculum and to reflect on their undergraduate experience.

Lecture/Discussion Hours: 2

Lab/Studio Hours: 0

---

**KINS 445 Basic Electrocardiography (3 crs)**

Prerequisite: BIOL 151 or BIOL 214; KINS 308; or consent of instructor.

This course is designed to fill the needs of students who desire the ability to interpret the resting, normal, and abnormal ECG, as well as provide an overview of cardiac anatomy, function, and neurophysiology.

Attributes: Undergraduate/Graduate Offering

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

---

**KINS 450 Applied Nutrition in Kinesiology (3 crs)**

Prerequisite: BIOL 151 or BIOL 214, or other equivalent course.

The purpose of this course is to gain insight into nutritional issues related to various populations. Students will assess dietary, physical, and performance standards related to these populations and develop alternative plans for healthy lifestyles.

Attributes: Undergraduate/Graduate Offering

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

---

**KINS 464 Clinical Exercise Physiology (3 crs)**

Prerequisite: KINS 355, and KINS 358 or consent of instructor.

This course will provide students with an overview of pathophysiology of prevalent chronic diseases with primary emphasis on the physiological and technical basis of exercise prescription for the treatment and rehabilitation of chronic disease.

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

---

**KINS 466 Community Fitness Programming (3 crs)**

Prerequisite: KINS 464 or concurrent enrollment.

Prescribing and leading exercise in the early morning fitness program which includes community members with a wide variety of physical capabilities.

Attributes: Service-Learning, Full 30 Hours, Special Course Fee Required

Grading Basis: S/U Only Grade Basis

Lecture/Discussion Hours: 0

Lab/Studio Hours: 6

---

**KINS 472 Research Methods in Kinesiology I (2 crs)**

Prerequisite: MATH 246. Limited to Rehabilitation Science and Physical Education Teaching majors. Rehabilitation Science majors must take this course with KINS 466 and KINS 464. Minimum total GPA of 2.75.

This course is the first half of the research methods course. It is designed to address the fundamental aspects of conducting systematic hypothesis-driven research in human health, kinesiology, and performance using the scientific method. The class will be separated into groups (4-5 students/group). Each group will work together and under the supervision of a Kinesiology Faculty advisor to design and propose a research project of your choice over the course of the semester. Group responsibility will include formulating novel research questions and hypotheses; locating, reading, and interpreting peer-reviewed scientific studies; developing group-based research projects; and submitting the proposal to the Institutional Review Board for an approval to collect data during KINS 473 Research Methods in Kinesiology II.

Grading Basis: A-F Grades Only

---

**KINS 473 Research Methods in Kinesiology II (2 crs)**

Prerequisite: KINS 472; concurrent enrollment with KINS 440 for Rehabilitation Science majors.

This course is the second part of the Research Methods course and will address the fundamental aspects of conducting systematic hypothesis-driven research in human health, kinesiology, and performance using the scientific method. The class will be separated into groups (4-5 students/group). Each group will work together and under the supervision of a Kinesiology Faculty advisor to design and complete a research project of your choice over the course of the semester. Group responsibility for this portion of the research methods course will include data collection, statistical analyses and interpretation, writing a research manuscript, and preparing an oral presentation.

Attributes: LE-11 Integration, LE-S3 Creativity

Grading Basis: A-F Grades Only

---

**KINS 474 Research Methods in Kinesiology (4 crs)**

Prerequisite: MATH 246. Limited to Rehabilitation Science and Kinesiology majors. Rehabilitation Science majors must take this course with KINS 440. Minimum total GPA of 2.75.

Research design and methodology in human health and performance. Current issues in locating, reading, evaluating, and conducting scientific studies. Application of statistics in kinesiology.

Attributes: LE-11 Integration, LE-S3 Creativity

Lecture/Discussion Hours: 4

Lab/Studio Hours: 0

---

**KINS 476 Exercise Science Seminar (3 crs)**

Prerequisite: KINS 357. Minimum 2.50 total GPA. Limited to Exercise Science majors

• *Limited to Exercise Science majors in their final year before graduation.*

This is the capstone experience for students in Exercise Science. Students will develop a portfolio, lead and participate in professional discussions and present a project.

Attributes: LE-S3 Creativity, Capstone Course

Grading Basis: No S/U Grade Option

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

---

**KINS 484 Adapted Physical Activity (3 crs)**

Prerequisite: Physical Education Teaching major: KINS 290. Admitted Rehabilitation Science majors and concurrent enrollment in KINS 355 and KINS 358.

A theory and lab course examining exceptionalities as they apply to the physical education environment. Study includes legal implications, IEPs, individual differences, assessment principles, modification of tasks and learning environments, and field experiences (30 hours).

Attributes: Service-Learning, Full 30 Hours

Lecture/Discussion Hours: 2

Lab/Studio Hours: 2

---

**KINS 487 Assessment in Adapted Physical Education (3 crs)**

Prerequisite: KINS 484 and one of the following: SEIP 200, SEIP 219, SEIP 306, SEIP 340, or UEC 220

A theory and lab course examining the appropriate assessment tools and procedures for special populations in physical education.

Attributes: Undergraduate/Graduate Offering

Lecture/Discussion Hours: 2

Lab/Studio Hours: 2

---

**KINS 491 Practicum in Rehabilitation Science (1-2 crs)**

Prerequisite: Limited to Rehabilitation Science majors; KINS 355, KINS 358, KINS 484.

A lab course applying knowledge and practical skills in a full-time rehabilitation work environment. Field experience a minimum of 100 hours is required.

Attributes: Special Course Fee Required

Repeat: Course may be repeated for a maximum of 2 credits

Grading Basis: A-F Grades Only

Lab/Studio Hours: 2

Practicum Hours: 4

---

**KINS 492 Coaching Practicum and Seminar (4 crs)**

Prerequisite: KINS 292. Minimum senior standing.

Consent: Department Consent Required

A capstone experience where the student develops a coaching portfolio.

Seminar focuses on special topics in sport. Field experience of a minimum of 60 hours will apply teaching, administrative, and management skills in coaching.

Attributes: Undergraduate/Graduate Offering, Capstone Course, Special Course Fee Required

Seminar Hours: 2

Practicum Hours: 4

**KINS 493 Practicum in Adapted Physical Education (3 crs)**

Prerequisite: KINS 487

Consent: Department Consent Required

A lab course applying principles of programming and assessment in the special physical education environment. Field experience a minimum of 90 hours is required.

Attributes: Undergraduate/Graduate Offering, Special Course Fee Required

Lecture/Discussion Hours: 0

Lab/Studio Hours: 3

**KINS 495 Directed Studies (1-3 crs)**

Consent: Department Consent Required

Study, under the immediate direction of a kinesiology faculty member, of a problem or special area not covered in existing courses.

Attributes: Undergraduate/Graduate Offering

Repeat: Course may be repeated

**KINS 496 Capstone-Teaching Physical Education (1 cr)**

Prerequisite: Limited to admitted Physical Education Teacher Education majors.

Consent: Instructor Consent Required

- *Limited to Physical Education Teacher Education majors who are in their final year before graduation.*

Students will integrate and apply their knowledge, skills, and dispositions to case studies and issues in physical education teaching.

Attributes: Capstone Course

Lecture/Discussion Hours: 1

Lab/Studio Hours: 0

**KINS 498 Exercise Science Internship (6 crs)**

Prerequisite: KINS 476. Minimum total GPA of 2.50. Limited to Exercise Science majors

Consent: Instructor Consent Required

- *(1) Maintenance of current American Red Cross First Aid and CPR certification or equivalent and, (2) satisfactory completion of a background information disclosure check prior to the start of the internship is required.*

Students are provided with an opportunity to integrate and apply the knowledge, skills, and abilities developed through their undergraduate education in a professional setting.

Attributes: LE-11 Integration, Service-Learning, Full 30 Hours, Internship

Grading Basis: S/U Only Grade Basis

**KINS 499 Independent Study (1-3 crs)**

Prerequisite: Minimum resident and total GPA of 3.00. Minimum junior standing.

Consent: Department Consent Required

Individual research project under the direction of a faculty member.

Repeat: Course may be repeated

**KINS 512 Psychology of Sport and Physical Activity (3 crs)**

- *Dual-listed with KINS 312. Credit may not be earned in both courses.*

The course will examine psychological aspects which affect peak performance in sport, along with exploring the effect that sport and physical activity have on individuals.

Grading Basis: No S/U Grade Option

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

**KINS 513 Sociology of Sport and Physical Activity (3 crs)**

- *Dual-listed with KINS 313. Credit may not be earned in both courses.*

Introduction to the social influences on sport and physical activity as well as the influence sport has on society.

Grading Basis: No S/U Grade Option

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

**KINS 535 Introduction to School Health Education and Current Health Issues (3 crs)**

- *Dual-listed with KINS 335. Credit may not be earned in both courses.*

A theory- and activity-based course in which students will discover the importance of health education in the schools and explore current health issues surrounding our nation's youth.

Grading Basis: No S/U Grade Option

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

**KINS 536 Strategies and Assessment in School Health Education (3 crs)**

Prerequisite: KINS 335/KINS 535

- *Dual-listed with KINS 336. Credit may not be earned in both courses.*

This course will focus on using experiential learning techniques and developing authentic assessments to be used in school health education classes. Student completes approximately 10-15 hours of observation/teaching.

Grading Basis: No S/U Grade Option

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

**KINS 537 Health Education Curriculum Design (3 crs)**

Prerequisite: KINS 336/KINS 536

- *Dual-listed with KINS 337. Credit may not be earned in both courses.*

Students will design and evaluate the effectiveness of School Health Education Curricula. Students will plan effective comprehensive health instruction with special emphasis on making curricular connections to effectively integrate health content into multiple disciplines. Student completes approximately 10-15 hours of observation/teaching.

Grading Basis: No S/U Grade Option

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

**KINS 546 Academic Apprenticeship in Kinesiology (1-3 crs)**

Consent: Instructor Consent Required

- *Dual-listed with KINS 346.*

Experience for qualified students, supervised by Kinesiology faculty, to facilitate teaching and learning in a specific course. Students will enhance their knowledge of the discipline and their ability to communicate this understanding to their peers.

Repeat: Course may be repeated for a maximum of 6 credits

Grading Basis: No S/U Grade Option

**KINS 547 Coaching Apprenticeship (1-3 crs)**

Prerequisite: KINS 292 or consent of instructor.

Consent: Instructor Consent Required

- *Dual-listed with KINS 347.*

Experience for qualified students, selected and supervised by faculty members, to facilitate coaching and learning in a coaching setting. Students enhance their knowledge and their ability to communicate that knowledge to other students.

Repeat: Course may be repeated for a maximum of 6 credits

Grading Basis: No S/U Grade Option

**KINS 548 Exercise Science Apprenticeship (1-3 crs)**

Prerequisite: KINS 309 or consent of instructor.

Consent: Instructor Consent Required

- *Dual-listed with KINS 348.*

Experience for qualified students, selected and supervised by faculty members, to facilitate teaching and learning in an exercise science setting. Students enhance their knowledge and their ability to communicate that knowledge to other students.

Repeat: Course may be repeated for a maximum of 6 credits

Grading Basis: No S/U Grade Option

**KINS 550 Apprentice in Teaching Physical Education (1-3 crs)**

Prerequisite: KINS 290 or consent of instructor.

Consent: Instructor Consent Required

- *Dual-listed with KINS 350.*

Experience for qualified students, selected and supervised by faculty members, to facilitate teaching and learning in a specific course. Students enhance their knowledge and their ability to communicate that knowledge to other students.

Repeat: Course may be repeated for a maximum of 6 credits

Grading Basis: No S/U Grade Option

**KINS 557 Essentials of Strength and Conditioning (3 crs)**

Prerequisite: KINS 304 and KINS 308.

- *Dual-listed with KINS 357. Credit may not be earned in both courses.*

This course provides an introduction to strength and conditioning program design, implementation, and evaluation.

Attributes: Special Course Fee Required

Grading Basis: No S/U Grade Option

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

**KINS 591 Special Topics (1-3 crs)**

- *Dual-listed with KINS 391.*

Special topic in kinesiology.

Grading Basis: No S/U Grade Option

**KINS 645 Basic Electrocardiography (3 crs)**

Prerequisite: BIOL 151 or BIOL 214; KINS 308; or consent of instructor.

- *Dual-listed with KINS 445. Credit may not be earned in both courses.*

This course is designed to fill the needs of students who desire the ability to interpret the resting, normal, and abnormal ECG, as well as provide an overview of cardiac anatomy, function, and neurophysiology.

Grading Basis: No S/U Grade Option

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

**KINS 650 Applied Nutrition in Kinesiology (3 crs)**

Prerequisite: BIOL 151 or BIOL 214, or other equivalent course.

- *Dual-listed with KINS 450. Credit may not be earned in both courses.*

The purpose of this course is to gain insight into nutritional issues related to various populations. Students will assess dietary, physical, and performance standards related to these populations and develop alternative plans for healthy lifestyles.

Grading Basis: No S/U Grade Option

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

**KINS 687 Assessment in Adapted Physical Education (3 crs)**

Prerequisite: KINS 484 and one of the following: SEIP 200, SEIP 219, SEIP 306, SEIP 340, or UEC 220

- *Dual-listed with KINS 487. Credit may not be earned in both courses.*

A theory and lab course examining the appropriate assessment tools and procedures for special populations in physical education.

Grading Basis: No S/U Grade Option

Lecture/Discussion Hours: 2

Lab/Studio Hours: 2

---

**KINS 692 Coaching Practicum and Seminar (4 crs)**

Prerequisite: KINS 292

Consent: Department Consent Required

- *Dual-listed with KINS 492. Credit may not be earned in both courses.*

A capstone experience where the student develops a coaching portfolio. Seminar focuses on special topics in sport. Field experience of a minimum of 60 hours will apply teaching, administrative, and management skills in coaching.

Attributes: Capstone Course, Special Course Fee Required

Grading Basis: No S/U Grade Option

Seminar Hours: 2

Practicum Hours: 4

---

**KINS 693 Practicum in Adapted Physical Education (3 crs)**

Prerequisite: KINS 487/KINS 687

Consent: Department Consent Required

- *Dual-listed with KINS 493. Credit may not be earned in both courses.*

A lab course applying principles of programming and assessment in the special physical education environment. Field experience a minimum of 90 hours is required.

Attributes: Special Course Fee Required

Grading Basis: No S/U Grade Option

Lecture/Discussion Hours: 0

Lab/Studio Hours: 3

---

**KINS 695 Directed Studies (1-3 crs)**

Consent: Department Consent Required

- *Dual-listed with KINS 495.*

Study, under the immediate direction of a kinesiology faculty member, of a problem or special area not covered in existing courses.

Repeat: Course may be repeated

Grading Basis: No S/U Grade Option

---

**KINS 700 Principles of Athletic Training (3 crs)**

Prerequisite: Limited to students admitted to the M.S. in Athletic Training program.

Introduction to the foundational knowledge of the athletic training profession, concepts in the prevention of athletic injuries, and exposure to fundamental skills, knowledge, and techniques in athletic training based upon evidence-based criteria.

Attributes: MSAT Flat Rate Tuition, Special Course Fee Required

Grading Basis: A-F Grades Only

Lecture/Discussion Hours: 2

Lab/Studio Hours: 2

---

**KINS 700A Principles of Athletic Training (3 crs)**

Prerequisite: Limited to students accepted into the MSAT Accelerated Plan.

- *This course is part of the MS in Athletic Training's Accelerated program.*

Introduction to the foundational knowledge of the athletic training profession, concepts in the prevention of athletic injuries, and exposure to fundamental skills, knowledge, and techniques in athletic training based upon evidence-based criteria.

Attributes: Undergraduate/Graduate Offering, MSAT Flat Rate Tuition, Special Course Fee Required

Grading Basis: A-F Grades Only

Lecture/Discussion Hours: 2

Lab/Studio Hours: 2

---

**KINS 701 Applied Anatomy (2 crs)**

Prerequisite: Limited to students admitted to the M.S. in Athletic Training program

This course builds on a previous knowledge of human anatomy at a macroscopic level. It further examines the role of anatomy related to human movement, connective tissue behavior, and muscle activity. Additionally, students will have advanced understanding of anatomy structure and function to form the basis for its role in diagnosis and rehabilitation of injuries and illnesses.

Attributes: MSAT Flat Rate Tuition, Special Course Fee Required

Grading Basis: A-F Grades Only

Lecture/Discussion: 1

Lab/Studio: 2

---

**KINS 701A Applied Anatomy (2 crs)**

Prerequisite: Limited to students accepted into the MSAT Accelerated Plan.

- *This course is part of the MS in Athletic Training's Accelerated program.*

This course builds on a previous knowledge of human anatomy at a macroscopic level. It further examines the role of anatomy related to human movement, connective tissue behavior, and muscle activity. Additionally, students will have advanced understanding of anatomy structure and function to form the basis for its role in diagnosis and rehabilitation of injuries and illnesses.

Attributes: Undergraduate/Graduate Offering, MSAT Flat Rate Tuition, Special Course Fee Required

Grading Basis: A-F Grades Only

Lecture/Discussion: 1

Lab/Studio: 2

---



**KINS 708 Advanced Exercise Physiology (3 crs)**

Prerequisite: Limited to students accepted into the Master of Science in Exercise Physiology Program. Concurrent enrollment in KINS 709 & KINS 784. Credit cannot be earned in KINS 708 and KINS 708A.

The purpose of this course is to enable the exercise/rehabilitation professional to gain an advanced and detailed understanding of the responses of physiological systems to acute exercise and how the repeated application of exercise results in adaptations within physiological systems (i.e. training adaptation). Emphasis will be placed on the metabolic/bioenergetic, cardiovascular, neuromuscular, and pulmonary responses to acute and chronic exercise (in normal and other environmental conditions), the interaction of these system responses, and to dispel any myths that might relate to exercise training. The student will also be provided opportunities to engage in critical analyses of the current literature regarding these topics.

Attributes: MSEP Flat Rate Tuition, Special Course Fee Required

Grading Basis: A-F Grades Only

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

---

**KINS 708A Advanced Exercise Physiology (3 crs)**

Prerequisite: Concurrent enrollment with KINS 709A and 784A. Limited to students accepted into the Master of Science in Exercise Physiology Program Accelerated Plan.

• *Dual-listed with KINS 708.*

The purpose of this course is to enable the exercise/rehabilitation professional to gain an advanced and detailed understanding of the responses of physiological systems to acute exercise and how the repeated application of exercise results in adaptations within physiological systems (i.e. training adaptation). Emphasis will be placed on the metabolic/bioenergetic, cardiovascular, neuromuscular, and pulmonary responses to acute and chronic exercise (in normal and other environmental conditions), the interaction of these system responses, and to dispel any myths that might relate to exercise training. The student will also be provided opportunities to engage in critical analyses of the current literature regarding these topics.

Attributes: MSEP Flat Rate Tuition, Special Course Fee Required

Grading Basis: A-F Grades Only

---

**KINS 709 Advanced Exercise Physiology Laboratory Procedures (4 crs)**

Prerequisite: Limited to students admitted to the M.S. in Exercise Physiology Program.

• *Flat rate tuition; Special Course Fee Required*

This course provides underlying theory and application on the measurement and evaluation of cardiorespiratory fitness, respiratory function, body composition, resting metabolism, and muscular fitness. This course will provide experiences with fundamental as well as advanced techniques used in the measurement of exercise physiology, and indirectly reinforce research skills, scientific writing, and knowledge of systems physiology.

Attributes: MSEP Flat Rate Tuition, Special Course Fee Required

Grading Basis: A-F Grades Only

Lecture/Discussion Hours: 2

Lab/Studio Hours: 2

---

**KINS 709A Advanced Exercise Physiology Laboratory Procedures (4 crs)**

Prerequisite: Limited to students accepted into the Master of Science in Exercise Physiology Program Accelerated Plan. Credit cannot be earned in KINS 709 and KINS 709A.

• *Flat rate tuition; Special Course Fee Required. This course is part of the M.S. in Exercise Physiology Program Accelerated Plan.*

This course provides underlying theory and application on the measurement and evaluation of cardiorespiratory fitness, respiratory function, body composition, resting metabolism, and muscular fitness. This course will provide experiences with fundamental as well as advanced techniques used in the measurement of exercise physiology, and indirectly reinforce research skills, scientific writing, and knowledge of systems physiology.

Attributes: MSEP Flat Rate Tuition, Special Course Fee Required

Grading Basis: A-F Grades Only

---

**KINS 710 Foundations of Clinical Practice (3 crs)**

Prerequisite: Admission to MS in Athletic Training

This foundational course emphasizes the basic principles and underlying theory related to physical assessment, rehabilitation, and the use of modalities needed to identify impairments and develop interventions for the physically active population.

Attributes: MSAT Flat Rate Tuition, Special Course Fee Required

Grading Basis: A-F Grades Only

Lecture/Discussion Hours: 2

Lab/Studio Hours: 2

---

**KINS 710A Foundations of Clinical Practice (3 crs)**

Prerequisite: Limited to students accepted into the MSAT Accelerated Plan.

• *This course is part of the MS in Athletic Training's Accelerated program.*

This foundational course emphasizes the basic principles and underlying theory related to physical assessment, rehabilitation, and the use of modalities needed to identify impairments and develop interventions for the physically active population.

Attributes: Undergraduate/Graduate Offering, MSAT Flat Rate Tuition, Special Course Fee Required

Grading Basis: A-F Grades Only

Lecture/Discussion Hours: 2

Lab/Studio Hours: 2

---

**KINS 714 Pathophysiology & Emergency Medicine (3 crs)**

Prerequisite: Admission to Masters in Athletic Training program; Completed KINS 700, 701, and 710; Overall GPA in MAT of 3.0 and above

A theory and lab course focused on providing the epidemiology, pathophysiology, and best-practice management for acute and emergency injuries/illnesses in the physically active patient. Successful completion of the course will result in certification as a first responder.

Attributes: MSAT Flat Rate Tuition, Special Course Fee Required

Grading Basis: A-F Grades Only

Lecture/Discussion Hours: 2

Lab/Studio Hours: 2

---

**KINS 714A Pathophysiology & Emergency Medicine (3 crs)**

Prerequisite: Limited to students accepted into the MSAT Accelerated Plan. Completed KINS 700A, 701A, and 710A; Overall GPA in MAT of 3.0 and above.

- *This course is part of the MS in Athletic Training's Accelerated program.*

A theory and lab course focused on providing the epidemiology, pathophysiology, and best-practice management for acute and emergency injuries/illnesses in the physically active patient. Successful completion of the course will result in certification as a first responder.

Attributes: Undergraduate/Graduate Offering, MSAT Flat Rate Tuition, Special Course Fee Required  
Grading Basis: A-F Grades Only  
Lecture/Discussion Hours: 2  
Lab/Studio Hours: 2

---

**KINS 720 Physical Assessment and Treatment of the Lower Extremity (5 crs)**

Prerequisite: Admittance to MAT, Completed KINS 700, 701, and 710; Overall GPA in MAT of 3.0 and above.

This course focuses on application of the theory and principles associated with prevention, examination, diagnosis, and treatment to patients with musculoskeletal, neurological, and/or other pathological conditions associated with the lower extremity.

Attributes: MSAT Flat Rate Tuition, Special Course Fee Required  
Grading Basis: A-F Grades Only  
Lecture/Discussion Hours: 3  
Lab/Studio Hours: 4

---

**KINS 720A Physical Assessment and Treatment of the Lower Extremity (5 crs)**

Prerequisite: Limited to students accepted into the MSAT Accelerated Plan. Completed KINS 700A, 701A, and 710A; Overall GPA in MAT of 3.0 and above.

- *This course is part of the MS in Athletic Training's Accelerated program.*

This course focuses on application of the theory and principles associated with prevention, examination, diagnosis, and treatment to patients with musculoskeletal, neurological, and/or other pathological conditions associated with the lower extremity.

Attributes: Undergraduate/Graduate Offering, MSAT Flat Rate Tuition, Special Course Fee Required  
Grading Basis: A-F Grades Only  
Lecture/Discussion Hours: 3  
Lab/Studio Hours: 4

---

**KINS 721 Physical Assessment and Treatment of the Head and Spine (4 crs)**

Prerequisite: Admittance to MAT, Completed KINS 720; Overall GPA in MAT of 3.0 and above

This course focuses on application of the theory and principles associated with prevention, examination, diagnosis, and treatment to patients with musculoskeletal, neurological, and/or other pathological conditions associated with the head and spine.

Attributes: MSAT Flat Rate Tuition, Special Course Fee Required  
Grading Basis: A-F Grades Only  
Lecture/Discussion Hours: 3  
Lab/Studio Hours: 2

---

**KINS 721A Physical Assessment and Treatment of the Head and Spine (4 crs)**

Prerequisite: Limited to students accepted into the MSAT Accelerated Plan. Completed KINS 720A; Overall GPA in MAT of 3.0 and above.

- *This course is part of the MS in Athletic Training's Accelerated program.*

This course focuses on application of the theory and principles associated with prevention, examination, diagnosis, and treatment to patients with musculoskeletal, neurological, and/or other pathological conditions associated with the head and spine.

Attributes: Undergraduate/Graduate Offering, MSAT Flat Rate Tuition, Special Course Fee Required  
Grading Basis: A-F Grades Only  
Lecture/Discussion Hours: 3  
Lab/Studio Hours: 2

---

**KINS 722 Physical Assessment and Treatment of the Upper Body (5 crs)**

Prerequisite: Admittance to MAT, Completed KINS 721; Overall GPA in MAT of 3.0 and above.

This course focuses on application of the theory and principles associated with prevention, examination, diagnosis, and treatment to patients with musculoskeletal, neurological, and/or other pathological conditions associated with the upper body.

Attributes: MSAT Flat Rate Tuition, Special Course Fee Required  
Grading Basis: A-F Grades Only  
Lecture/Discussion Hours: 3  
Lab/Studio Hours: 4

---

**KINS 722A Physical Assessment and Treatment of the Upper Body (5 crs)**

Prerequisite: Limited to students accepted into the MSAT Accelerated Plan. Completed KINS 721A; Overall GPA in MAT of 3.0 and above.

- *This course is part of the MS in Athletic Training's Accelerated program.*

This course focuses on application of the theory and principles associated with prevention, examination, diagnosis, and treatment to patients with musculoskeletal, neurological, and/or other pathological conditions associated with the upper body.

Attributes: Undergraduate/Graduate Offering, MSAT Flat Rate Tuition, Special Course Fee Required  
Grading Basis: A-F Grades Only  
Lecture/Discussion Hours: 3  
Lab/Studio Hours: 4

---

**KINS 723 General Medicine & Diagnostic Modalities (4 crs)**

Prerequisite: Admission to MAT, Completed KINS 722 and 781; Overall GPA in MAT of 3.0 and above.

A theory course that examines various medical specialties, surgical techniques, and clinical evaluations and diagnostics modalities used in assessing and treating medical conditions, illnesses and injuries related to the physically active populations.

Attributes: MSAT Flat Rate Tuition, Special Course Fee Required  
Grading Basis: A-F Grades Only  
Lecture/Discussion Hours: 2  
Lab/Studio Hours: 4

---

**KINS 724 Manual Therapy Techniques (3 crs)**

Prerequisite: Admission to MAT, Completed KINS 722 and 781; Overall GPA in MAT of 3.0 and above.

This course is designed to provide an understanding of soft tissue manipulation and how it is integrated into the full spectrum of patient management, via the use of manual and instrument assisted techniques.

Attributes: MSAT Flat Rate Tuition, Special Course Fee Required

Grading Basis: A-F Grades Only

Lecture/Discussion Hours: 1.5

Lab/Studio Hours: 3

---

**KINS 730 Healthcare Management & Practice (3 crs)**

Prerequisite: Admission to MAT, Completed KINS 789; Overall GPA in MAT of 3.0 and above.

A theory course that focuses on fundamental principles of administration and evaluation of the delivery of athletic training services in the context of the larger health care system with an emphasis on using evidence-based information in the decision-making process.

Attributes: MSAT Flat Rate Tuition, Special Course Fee Required

Grading Basis: A-F Grades Only

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

---

**KINS 731 Special Topics in Athletic Training (3 crs)**

Prerequisite: Admission to MAT, Completion of KINS 792; Overall GPA in MAT of 3.0 and above.

This is a capstone educational experience focusing on current topics in the Athletic Training profession and career development issues. As part of this professional preparation, students will complete an oral presentation, defense, and manuscript submission of their KINS 791/792 research project.

Attributes: MSAT Flat Rate Tuition, Special Course Fee Required

Grading Basis: A-F Grades Only

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

---

**KINS 755 Performance Enhancement in the Physically Active (2 crs)**

Prerequisite: Admittance to MAT, Overall GPA in MAT of 3.0 and above.

Foundational knowledge and content in performance enhancements of individuals in sports and physically active populations. Includes the applications of current methods and techniques used for the enhancement of individuals physical abilities in strength and conditioning principles.

Attributes: MSAT Flat Rate Tuition, Special Course Fee Required

Grading Basis: A-F Grades Only

Lecture/Discussion Hours: 1

Lab/Studio Hours: 2

---

**KINS 762 Psychosocial Aspects in Healthcare (1 cr)**

Prerequisite: Admission to MAT; Completed KINS 700, 701, and 710; Overall GPA in MAT of 3.0 and above.

This course is designed to understand the psychosocial aspects as it relates to the occurrence of injury and illness during the rehabilitation/recovery process and to identify appropriate referral/supportive resources.

Attributes: MSAT Flat Rate Tuition, Special Course Fee Required

Grading Basis: A-F Grades Only

Lecture/Discussion Hours: 1

Lab/Studio Hours: 0

---

**KINS 762A Psychosocial Aspects in Healthcare (1 cr)**

Prerequisite: Limited to students accepted into the MSAT Accelerated Plan. Completed KINS 700A, 701A, and 710A; Overall GPA in MAT of 3.0 and above.

- *This course is part of the MS in Athletic Training's Accelerated program.*

This course is designed to understand the psychosocial aspects as it relates to the occurrence of injury and illness during the rehabilitation/recovery process and to identify appropriate referral/supportive resources.

Attributes: Undergraduate/Graduate Offering, MSAT Flat Rate Tuition, Special Course Fee Required

Grading Basis: A-F Grades Only

Lecture/Discussion Hours: 1

Lab/Studio Hours: 0

---

**KINS 763 Pharmacological Agents in Healthcare (1 cr)**

Prerequisite: Admission to MAT, Completed KINS 714, 720, 721, 762 and 780; Overall GPA in MAT of 3.0 and above.

Introduces principles of drug therapy with an emphasis on the knowledge, skills and values required of the Athletic Trainer on pharmacological applications, including indications, contraindications, precautions, interactions, documentation and governing regulations relevant to the treatment of injury and illness in athletic training.

Attributes: MSAT Flat Rate Tuition, Special Course Fee Required

Grading Basis: A-F Grades Only

Lecture/Discussion Hours: 1

Lab/Studio Hours: 0

---

**KINS 763A Pharmacological Agents in Healthcare (1 cr)**

Prerequisite: Limited to students accepted into the MSAT Accelerated Plan. Completed KINS 714A, 720A, 721A, 762A and 780A; Overall GPA in MAT of 3.0 and above.

- *This course is part of the MS in Athletic Training's Accelerated program.*

Introduces principles of drug therapy with an emphasis on the knowledge, skills and values required of the Athletic Trainer on pharmacological applications, including indications, contraindications, precautions, interactions, documentation and governing regulations relevant to the treatment of injury and illness in athletic training.

Attributes: Undergraduate/Graduate Offering, MSAT Flat Rate Tuition, Special Course Fee Required

Grading Basis: A-F Grades Only

Lecture/Discussion Hours: 1

Lab/Studio Hours: 0

---

**KINS 780 Clinical Practicum I (2 crs)**

Prerequisite: Admission to MAT; Completed KINS 700, 701, and 710; Overall GPA in MAT of 3.0 and above.

A lab and practicum course designed to further develop and refine the proficiency skills of athletic training, as well as provide supervised clinical experience in athletic training.

Attributes: MSAT Flat Rate Tuition, Special Course Fee Required

Grading Basis: A-F Grades Only

Lecture/Discussion Hours: 0

Lab/Studio Hours: 4

---

**KINS 780A Clinical Practicum I (2 crs)**

Prerequisite: Limited to students accepted into the MSAT Accelerated Plan. Completed KINS 700A, 701A, and 710A; Overall GPA in MAT of 3.0 and above.

• *This course is part of the MS in Athletic Training's Accelerated program.*

A lab and practicum course designed to further develop and refine the proficiency skills of athletic training, as well as provide supervised clinical experience in athletic training.

Attributes: Undergraduate/Graduate Offering, MSAT Flat Rate Tuition, Special Course Fee Required

Grading Basis: A-F Grades Only

Lecture/Discussion Hours: 0

Lab/Studio Hours: 4

---

**KINS 781 Clinical Practicum II (2 crs)**

Prerequisite: Admission to MAT; Completed KINS 714, 720, 721, 762, 780; Overall GPA in MAT of 3.0 and above

A lab and practicum course designed to further develop and refine the proficiency skills of athletic training, as well as provide supervised clinical experience in athletic training. Clinical skills and knowledge from previous semester courses (e.g., Physical Assessment & Treatment of the Lower Extremity/Head & Spine, Psychosocial Aspects, Emergency Medicine) will be assessed for mastery.

Attributes: MSAT Flat Rate Tuition, Special Course Fee Required

Grading Basis: A-F Grades Only

Lecture/Discussion Hours: 0

Lab/Studio Hours: 4

---

**KINS 781A Clinical Practicum II (2 crs)**

Prerequisite: Limited to students accepted into the MSAT Accelerated Plan. Completed KINS 714A, 720A, 721A, 762A and 780A; Overall GPA in MAT of 3.0 and above.

• *This course is part of the MS in Athletic Training's Accelerated program.*

A lab and practicum course designed to further develop and refine the proficiency skills of athletic training, as well as provide supervised clinical experience in athletic training. Clinical skills and knowledge from previous semester courses (e.g., Physical Assessment & Treatment of the Lower Extremity/Head & Spine, Psychosocial Aspects, Emergency Medicine) will be assessed for mastery.

Attributes: Undergraduate/Graduate Offering, MSAT Flat Rate Tuition, Special Course Fee Required

Grading Basis: A-F Grades Only

Lecture/Discussion Hours: 0

Lab/Studio Hours: 4

---

**KINS 782 Clinical Practicum III (2 crs)**

Prerequisite: Admission to MAT; Completed KINS 722, 763, 781; Overall GPA in MAT of 3.0 and above.

A lab and practicum course designed to further develop and refine the proficiency skills of athletic training, as well as provide supervised clinical experience in athletic training. Clinical skills and knowledge from the previous semester courses (e.g., Pharmacology, Nutrition, Physical Assessment & Treatment of the Upper Body) will be assessed for mastery.

Attributes: MSAT Flat Rate Tuition, Special Course Fee Required

Grading Basis: A-F Grades Only

Lecture/Discussion Hours: 0

Lab/Studio Hours: 4

---

**KINS 783 Clinical Practicum IV (2 crs)**

Prerequisite: Admission to MAT; Completed KINS 723, 724, 782; Overall GPA in MAT of 3.0 and above.

A lab and practicum course designed to further develop and refine the proficiency skills of athletic training, as well as provide supervised clinical experience in athletic training. Clinical skills and knowledge from the previous semester courses (e.g., General and Manual Medicine, Special Populations Rehabilitation) will be assessed for mastery.

Attributes: MSAT Flat Rate Tuition, Special Course Fee Required

Grading Basis: A-F Grades Only

Lecture/Discussion Hours: 0

Lab/Studio Hours: 4

---

**KINS 784 Clinical Practicum in Exercise Physiology I (2 crs)**

Prerequisite: Limited to students admitted to the M.S. in Exercise Physiology Program. Concurrent enrollment with KINS 708 and KINS 709

This practicum course is designed to provide graduate students in the MSEP program with supervised clinical experience in exercise physiology and adapted physical activity through two outreach programs: 1) Physical Activity and Recreation for Individuals with Disabilities in the Eau Claire area (P.R.I.D.E.) and 2) P.R.I.D.E.4 Adults.

Attributes: MSEP Flat Rate Tuition, Special Course Fee Required

Grading Basis: A-F Grades Only

Lecture/Discussion Hours: 0

Lab/Studio Hours: 4

---

**KINS 784A Clinical Practicum in Exercise Physiology I (2 crs)**

Prerequisite: Limited to students accepted into the Master of Science in Exercise Physiology Program Accelerated Plan. Concurrent enrollment with KINS 708A and KINS 709A.

This practicum course is designed to provide graduate students in the MSEP program with supervised clinical experience in exercise physiology and adapted physical activity through two outreach programs: 1) Physical Activity and Recreation for Individuals with Disabilities in the Eau Claire area (P.R.I.D.E.) and 2) P.R.I.D.E.4 Adults.

Attributes: Undergraduate/Graduate Offering, MSEP Flat Rate Tuition, Special Course Fee Required

Grading Basis: A-F Grades Only

Lecture/Discussion Hours: 0

Lab/Studio Hours: 4

---

**KINS 788 Clinical Immersion Experience I (4 crs)**

Prerequisite: Admission to MAT; Completed KINS 781; Overall GPA in MAT of 3.0 and above.

Practicum Contact Hours: 8 This course emphasizes full-time, immersive clinical placements designed to reflect the daily clinical and administrative practices of an athletic trainer. Students will complete this experience in a minimum of four-weeks and must work a minimum of 105 hours (35 hours / week minimum) of the clinical experience.

Attributes: MSAT Flat Rate Tuition, Special Course Fee Required

Grading Basis: A-F Grades Only

Lecture/Discussion Hours: 0

---

**KINS 789 Clinical Immersion Experience II (4 crs)**

Prerequisite: Admission to MAT; Completed KINS 782, 788; Overall GPA in MAT of 3.0 and above.

This course is the second part of the clinical immersive experience and emphasizes full-time, immersive clinical placements designed to reflect the daily clinical and administrative practices of an athletic trainer. Students will complete this experience over a four-week period and must work a minimum of 105 hours (35 hours / week minimum) of the clinical experience.

Attributes: MSAT Flat Rate Tuition, Special Course Fee Required

Grading Basis: A-F Grades Only

Lab/Studio Hours: 0

Practicum Hours: 8

---

**KINS 791 Evidence Based Practice & Research I (3 crs)**

Prerequisite: Admission to MAT, Overall GPA in MAT of 3.0 and above.

This course introduces students to current evidence-based research methods and the importance of conducting and interpreting athletic training research. Students will develop a research question and the initial chapters of a research project, resulting in a research proposal for a study.

Attributes: MSAT Flat Rate Tuition, Special Course Fee Required

Grading Basis: A-F Grades Only

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

---

**KINS 791A Evidence Based Practice & Research I (3 crs)**

Prerequisite: Limited to students accepted into the MSAT Accelerated Plan, Overall GPA in MAT of 3.0 and above. Credit cannot be earned in KINS 791 and KINS 791A.

- *This course is part of the MS in Athletic Training's Accelerated program.*

This course introduces students to current evidence-based research methods and the importance of conducting and interpreting athletic training research. Students will develop a research question and the initial chapters of a research project, resulting in a research proposal for a study.

Attributes: Undergraduate/Graduate Offering, MSAT Flat Rate Tuition, Special Course Fee Required

Grading Basis: A-F Grades Only

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

---

**KINS 792 Evidence Based Practice & Research II (2 crs)**

Prerequisite: Admission to MAT, Completion of KINS 791; Overall GPA in MAT of 3.0 and above.

This course is a continuation of Evidence-Based Practice and Research I. Students will complete their research projects and learn to apply findings to clinical practice and dissemination.

Attributes: MSAT Flat Rate Tuition, Special Course Fee Required

Grading Basis: A-F Grades Only

Lecture/Discussion Hours: 2

Lab/Studio Hours: 0

---

**KINS 797 Independent Study (1-3 crs)**

Consent: Department Consent Required

Individual project under the direction of a faculty member.

Repeat: Course may be repeated for a maximum of 9 credits

Grading Basis: No S/U Grade Option

---