

KINESIOLOGY (KIN)

KIN 190 Topics Course in Physical Activity:

1-3 cr. Undergraduate.

Introductory level topics of current interest in health and physical activity. Special course fees may be required depending on topic.

Prerequisites: none, except as required for specific topic.

Course Rules: Counts as repeat of Spt&Rec 290 & Kin 290 with same topic. May be retaken w/chg in topic.

Current Offerings: <https://catalog.uwm.edu/course-search/>

KIN 200 Introduction to Kinesiology

3 cr. Undergraduate.

Introduction to the discipline of kinesiology and its subdisciplines of exercise physiology, motor behavior, biomechanics, and psychology and sociology of physical activity.

Prerequisites: none.

Last Taught: Spring 2023, Fall 2022, Spring 2022, Fall 2021.

Current Offerings: <https://catalog.uwm.edu/course-search/>

KIN 202 Field Work in Kinesiology

1 cr. Undergraduate.

Practical, supervised, service-learning in the field of kinesiology.

Prerequisites: Kin 201(C).

Course Rules: Counts as repeat of Kin 210.

Last Taught: Spring 2011, Fall 2010, Spring 2010, Fall 2009.

Current Offerings: <https://catalog.uwm.edu/course-search/>

KIN 211 First Aid and Cardiopulmonary Resuscitation

1 cr. Undergraduate.

CPR for adults, children, and infants; AED; and First Aid.

Prerequisites: none.

Last Taught: UWinterIM 2014, Spring 2009, Fall 2008, Summer 2008.

Current Offerings: <https://catalog.uwm.edu/course-search/>

KIN 212 Fieldwork in Athletic Training

1 cr. Undergraduate.

On-site observation of the athletic training profession. Students will rotate through different on-campus sites.

Prerequisites: Kin 310(C).

Last Taught: Spring 2023, Fall 2022, Spring 2022, Fall 2021.

Current Offerings: <https://catalog.uwm.edu/course-search/>

KIN 216 Organization and Administration of Athletic Training

3 cr. Undergraduate.

Delivery of athletic training services in various settings. Topics include program, personnel, information management, budgeting, documentation, insurance, legal considerations and current topics.

Prerequisites: admitted to athletic training maj; Kin 316(P); Kin 410(C) & Kin 416(C); or cons instr.

Last Taught: Spring 2017, Spring 2016, Spring 2015, Spring 2014.

Current Offerings: <https://catalog.uwm.edu/course-search/>

KIN 220 Anatomical Kinesiology

3 cr. Undergraduate.

Anatomical analysis of the human body including joint actions, anatomical, muscular, and neuromuscular control aspects necessary for movement.

Prerequisites: none.

Course Rules: Previously KIN 325.

Last Taught: Spring 2023, Fall 2022, Spring 2022, Spring 2021.

Current Offerings: <https://catalog.uwm.edu/course-search/>

KIN 230 Health Aspects of Exercise and Nutrition

3 cr. Undergraduate.

Examines physical fitness and proper nutrition as lifestyle choices in maintaining optimal health and minimizing health risks.

Prerequisites: none.

Course Rules: Not open to students with credit in KIN 530, KIN 532, or PRPP 736. KIN 230 and NUTR 230 are jointly offered; they count as repeats of one another.

General Education Requirements: NS

Last Taught: Summer 2023, Spring 2023, Fall 2022, Summer 2022.

Current Offerings: <https://catalog.uwm.edu/course-search/>

KIN 245 Client Diversity in Health Sciences: An Interdisciplinary Perspective

3 cr. Undergraduate.

Interdisciplinary instruction on effective service delivery in the health sciences to culturally diverse individuals and families. Emphasis on the complexity of an individual's cultural identity.

Prerequisites: soph st or cons instr.

Course Rules: BMS/ComSDis/HCA/Kin/OccThpy/TherRec 245 are jointly offered; they count as repeats of one another.

General Education Requirements: CD, SS

Last Taught: Spring 2023, Spring 2022, Spring 2021, Spring 2020.

Current Offerings: <https://catalog.uwm.edu/course-search/>

KIN 255 Women in Sport and Physical Activity

3 cr. Undergraduate.

Introduction theory and research on female participation in sport and physical activity.

Prerequisites: soph st or cons instr.

General Education Requirements: SS

Current Offerings: <https://catalog.uwm.edu/course-search/>

KIN 270 Statistics in the Health Professions: Theory and Practice

3 cr. Undergraduate.

Overview of statistical theory and practical application for health professionals. Includes problem solving strategies, descriptive and inferential techniques, and critical evaluation of research design.

Prerequisites: Satisfaction of Quantitative Literacy Part A.

General Education Requirements: QLB

Last Taught: Spring 2023, Fall 2022, Spring 2022, Fall 2021.

Current Offerings: <https://catalog.uwm.edu/course-search/>

KIN 289 Seminar in Athletic Training

0 cr. Undergraduate.

Exposure to peer presentations, guest lectures on current topics, current literature updates/discussion, and program information updates.

Prerequisites: acceptance into Athletic Training prog.

Course Rules: Must be taken by student in the ATEP each sem of prog. Fee for 1 cr assessed.

Last Taught: Spring 2008, Fall 2007, Spring 2007, Fall 2006.

Current Offerings: <https://catalog.uwm.edu/course-search/>

KIN 290 Special Topics in Human Movement Sciences:

1-3 cr. Undergraduate.

Topics of current interest in kinesiology, health, and fitness. Special course fees may be required depending on course.

Prerequisites: specified in semester Schedule whenever required for a topic.

Course Rules: May be retaken w/chg in topic.

Last Taught: Fall 2022, Fall 2021, Fall 2020, Spring 2020.

Current Offerings: <https://catalog.uwm.edu/course-search/>

KIN 296 UROP Research Study:

1-3 cr. Undergraduate.

Undergraduate research participation in a project developed with a supervising faculty member. One credit for 45 hours research.

Prerequisites: Acceptance to UROP prior or conc reg in UROP sem; cons instr.**Course Rules:** May be retaken to 9 cr max in any combination of UROP Research Study courses.**Last Taught:** Spring 2019, Fall 2017, Fall 2016, Spring 2016.**Current Offerings:** <https://catalog.uwm.edu/course-search/>**KIN 297 Study Abroad:**

1-12 cr. Undergraduate.

Designed to enroll students in UWM sponsored program before course work level, content, and credits are determined and/or in specifically prepared program course work.

Prerequisites: acceptance for Study Abroad Prog.**Course Rules:** May be retaken w/chg in topic.**Last Taught:** Spring 2018, Spring 2010, Fall 2009, Summer 2009.**Current Offerings:** <https://catalog.uwm.edu/course-search/>**KIN 298 Independent Projects**

1-3 cr. Undergraduate.

Designed for individual and small group research projects under faculty supervision.

Prerequisites: writ cons instr.**Last Taught:** Fall 2021, Spring 2020, Fall 2016, Summer 2016.**Current Offerings:** <https://catalog.uwm.edu/course-search/>**KIN 299 Independent Reading**

1-3 cr. Undergraduate.

Designed for individual and small groups in special study. Meetings/nature of study to be arranged with staff/faculty chosen to supervise.

Prerequisites: cons instr.**Last Taught:** Spring 2020, Spring 2019, Fall 2018, Spring 2018.**Current Offerings:** <https://catalog.uwm.edu/course-search/>**KIN 300 Professional Preparation Seminar**

1 cr. Undergraduate.

Seminar lecture/discussion to prepare students for internships and other professional opportunities. Topics include goal setting, resume-writing, site selection, interviewing techniques, and professional development.

Prerequisites: admis to Kin major or cons instr.**Last Taught:** Spring 2023, Fall 2022, Spring 2022, Fall 2021.**Current Offerings:** <https://catalog.uwm.edu/course-search/>**KIN 301 Field Experience in Kinesiology - I**

1 cr. Undergraduate.

Science and methods of exercise instruction for leading groups.

Prerequisites: admis to Kin major.**Course Rules:** Counts as repeat of Kin 290 w/same topic.**Last Taught:** Fall 2017, Spring 2017, Fall 2016.**Current Offerings:** <https://catalog.uwm.edu/course-search/>**KIN 302 Field Experience in Kinesiology - II**

1 cr. Undergraduate.

Science and methods of exercise instruction for coaching and training individuals.

Prerequisites: admis to Kin major.**Last Taught:** Spring 2017.**Current Offerings:** <https://catalog.uwm.edu/course-search/>**KIN 303 Field Experience in Kinesiology - III**

1 cr. Undergraduate.

Continued exposure to hands-on aspect of the field; prepare students for internship and develop advanced professional skills and conduct.

Prerequisites: Kin 302(P); & Kin 325(P), 336(C), 430(C) or cons instr.**Current Offerings:** <https://catalog.uwm.edu/course-search/>**KIN 310 Responding to Emergencies**

1 cr. Undergraduate.

Focus on the development of skills necessary for professionals to act as 'first responders' in providing emergency medical care.

Prerequisites: Kin 212(C).**Course Rules:** Credit/No Credit only.**Last Taught:** Fall 2014, Fall 2013, Fall 2012, Fall 2011.**Current Offerings:** <https://catalog.uwm.edu/course-search/>**KIN 311 CPR/AED Recertification**

1 cr. Undergraduate.

CPR/AED recertification and review of basic First Aid.

Prerequisites: Kin 211 or CPR & standard first aid certification.**Last Taught:** Spring 1990, Spring 1989, Fall 1987, Fall 1986.**Current Offerings:** <https://catalog.uwm.edu/course-search/>**KIN 312 Introduction to Prevention, Recognition, and Treatment of Athletic Injuries**

3 cr. Undergraduate.

Introduction to athletic training principles and techniques necessary for the prevention, recognition, care, and rehabilitation of athletic injuries.

Prerequisites: enrolled in ATEP Program, Kin 310(P); or cons instr.**Last Taught:** Spring 2015, Spring 2014, Spring 2013, Spring 2012.**Current Offerings:** <https://catalog.uwm.edu/course-search/>**KIN 314 Recognition and Evaluation of Injuries: Lower Extremity**

3 cr. Undergraduate.

Techniques/knowledge necessary to perform examination, treatment, prevention, and rehabilitation of sport-related injuries and illnesses of the lower extremity and associated areas.

Prerequisites: admis to athletic training major; Kin 413(C), & 416(C); or cons instr.**Last Taught:** Fall 2015, Fall 2014, Fall 2013, Fall 2012.**Current Offerings:** <https://catalog.uwm.edu/course-search/>**KIN 315 Recognition and Evaluation of Injuries: Upper Extremity**

3 cr. Undergraduate.

Techniques/knowledge necessary to perform examination, treatment, prevention, and rehabilitation of sport-related injuries and illnesses of the upper extremity and associated areas.

Prerequisites: admis to athletic training major; Kin 413(P), & 416(C); or cons instr.**Last Taught:** Spring 2016, Spring 2015, Spring 2014, Spring 2013.**Current Offerings:** <https://catalog.uwm.edu/course-search/>**KIN 316 Recognition and Evaluation of Athletic Injuries: Head, Neck, and Trunk**

3 cr. Undergraduate.

Techniques/knowledge necessary to perform examination, treatment, prevention, and rehabilitation of sport-related injuries and illnesses of the head, neck, and torso.

Prerequisites: admis to athletic training major; Kin 315(P), 414(C) & 416(C); or cons instr.**Last Taught:** Fall 2016, Fall 2015, Fall 2014, Fall 2013.**Current Offerings:** <https://catalog.uwm.edu/course-search/>

KIN 320 Biomechanics

3 cr. Undergraduate.

Application of physical laws and mechanical principles to human movement.

Prerequisites: KIN 220(P) and satisfaction of GER Quantitative Literacy Part B; or consent of instructor.**Course Rules:** Not open to students with credit in KIN 520.**Last Taught:** Spring 2023, Fall 2022, Spring 2022, Fall 2021.**Current Offerings:** <https://catalog.uwm.edu/course-search/>**KIN 330 Exercise Physiology**

4 cr. Undergraduate.

Study of the physiological responses to exercise and the adaptations to physical training.

Prerequisites: KIN 230(P) and satisfaction of GER Quantitative Literacy Part B; or consent of instructor.**Course Rules:** Not open to students with credit in KIN 530, KIN 532, or KIN 536.**Last Taught:** Summer 2023, Spring 2023, Fall 2022, Summer 2022.**Current Offerings:** <https://catalog.uwm.edu/course-search/>**KIN 335 Exercise Testing: Assessing Physical Fitness**

3 cr. Undergraduate.

Guidelines and methods for administering, interpreting, and communicating health-related physical fitness assessments for individuals. Combines lecture and discussion with hands-on laboratory experience.

Prerequisites: KIN 200(P), KIN 230(P), and valid CPR/AED certification.**Last Taught:** Spring 2023, Spring 2022.**Current Offerings:** <https://catalog.uwm.edu/course-search/>**KIN 336 Principles of Strength and Conditioning**

3 cr. Undergraduate.

Basic principles necessary to understand the effects of exercise and conditioning on human physiology. Exercise techniques and measures used to assess performance outcome.

Prerequisites: KIN 325(P) and KIN 330(P); or consent of instructor.**Last Taught:** Fall 2022, Spring 2021, Spring 2020, Spring 2019.**Current Offerings:** <https://catalog.uwm.edu/course-search/>**KIN 337 Exercise Prescription: Principles of Exercise Program Design**

3 cr. Undergraduate.

Guidelines and methods for designing, implementing, and evaluating exercise programs for individuals. Combines lecture and discussion with hands-on laboratory experience.

Prerequisites: KIN 200(P), KIN 220(P), KIN 230(P), and valid CPR/AED certification.**Last Taught:** Fall 2022, Fall 2021.**Current Offerings:** <https://catalog.uwm.edu/course-search/>**KIN 350 Psychological Aspects of Sport and Exercise**

3 cr. Undergraduate.

Examines relationships between psychological function and participation in sport and exercise. Topics include motivation, stress, group dynamics, and performance enhancement.

Prerequisites: Satisfaction of GER Quantitative Literacy Part B or consent of instructor.**Course Rules:** Not open to students with credit in KIN 550, KIN 551, or KIN 552.**General Education Requirements:** SS**Last Taught:** Spring 2023, Fall 2022, Spring 2022, Fall 2021.**Current Offerings:** <https://catalog.uwm.edu/course-search/>**KIN 351 Sociological Aspects of Health and Human Movement**

3 cr. Undergraduate.

Introduction to sociology of physical activity. Examination of diversity and social inequality as they relate to health and physical activity.

Prerequisites: satisfaction of GER Quantitative Literacy Part B or consent of instructor.**Course Rules:** Not open to students with credit in KIN 570.**General Education Requirements:** SS**Last Taught:** Spring 2023, Fall 2022, Spring 2022, Fall 2021.**Current Offerings:** <https://catalog.uwm.edu/course-search/>**KIN 360 Motor Development Across the Lifespan**

3 cr. Undergraduate.

Introduction to gross motor behavior development through the lifespan (neo-natal to senior adult). Growth, maturation, environmental influences, and developmental theories.

Prerequisites: satisfaction of GER Quantitative Literacy Part B or consent of instructor.**Last Taught:** Fall 2022, Fall 2021, Fall 2020, Fall 2019.**Current Offerings:** <https://catalog.uwm.edu/course-search/>**KIN 361 Principles of Motor Learning**

3 cr. Undergraduate.

An overview of the principles of motor skill acquisition emphasizing variables related to the learner and the learning environment.

Prerequisites: satisfaction of GER Quantitative Literacy Part B or consent of instructor.**Course Rules:** Not open to students with credit in KIN 561.**Last Taught:** Spring 2023, Spring 2022, Spring 2021, Spring 2020.**Current Offerings:** <https://catalog.uwm.edu/course-search/>**KIN 365 Health Aspects of Mind and Body Practices**

3 cr. Undergraduate.

Exploration of the scientific research available on the effectiveness of common mind and body practices and the mechanisms through which these practices affect health.

Prerequisites: BMS 260(C) or equiv.**Last Taught:** Spring 2023, Spring 2022, Spring 2021, Spring 2020.**Current Offerings:** <https://catalog.uwm.edu/course-search/>**KIN 368 Intervention Strategies in Complementary and Integrative Health Approaches**

3 cr. Undergraduate.

Examination of the efficacy of commonly used strategies and therapies considered to be Complementary and Alternative Medicine.

Prerequisites: BMS 260(P) or equiv.**Last Taught:** Fall 2022, Fall 2021, Fall 2020, Fall 2019.**Current Offerings:** <https://catalog.uwm.edu/course-search/>**KIN 400 Ethics and Values in the Health and Fitness Professions**

3 cr. Undergraduate.

Exploration of morality and ethics and their importance in the allied health professions.

Prerequisites: none.**Last Taught:** Summer 2023, Spring 2023.**Current Offerings:** <https://catalog.uwm.edu/course-search/>

KIN 400X Ethics and Values in the Health and Fitness Professions

3 cr. Undergraduate.

Exploration of morality and ethics and their importance in the allied health professions.

Prerequisites: none.**Last Taught:** Summer 2023, Spring 2023.**Current Offerings:** <https://catalog.uwm.edu/course-search/>**KIN 410 Medical Aspects of Illness Management**

3 cr. Undergraduate.

Knowledge and techniques used in identification and management of common medical conditions and illnesses in physically active populations.

Prerequisites: admis to Athletic Training major; Kin 316(P), 216(C), & 416(C), or cons instr.**Last Taught:** Spring 2017, Spring 2016, Spring 2015, Spring 2014.**Current Offerings:** <https://catalog.uwm.edu/course-search/>**KIN 412 Foundations of Injury Prevention & Performance**

3 cr. Undergraduate.

The foundational knowledge, skills, and science that inform injury prevention, rehabilitation, and performance in sport and physical activity.

Prerequisites: Admis to athletic training prog; Kin 315(P), 320(P), & 416(C); or cons instr.**Course Rules:** Counts as repeat of Kin(HMS) 290 w/same topic.**Last Taught:** Fall 2016, Fall 2015, Fall 2014, Fall 2013.**Current Offerings:** <https://catalog.uwm.edu/course-search/>**KIN 413 Therapeutic Modalities in Athletic Training**

3 cr. Undergraduate.

Introduction to tissue healing, pain control, indications, contraindications, protocols, and the body's responses to various therapeutic modalities.

Prerequisites: admis to athletic training major; Kin 314(C), & 416(C); or cons instr.**Last Taught:** Fall 2015, Fall 2014, Fall 2013, Fall 2012.**Current Offerings:** <https://catalog.uwm.edu/course-search/>**KIN 414 Therapeutic Exercise and Rehabilitation Techniques in Athletic Training**

3 cr. Undergraduate.

Introduction to the theory and practical aspects of therapeutic exercise and rehabilitation techniques used in the care of musculo-skeletal injuries.

Prerequisites: admis to athletic training prog; Kin 412(P) & 416(C); or cons instr.**General Education Requirements:** OWCB**Last Taught:** Spring 2017, Spring 2016, Spring 2015, Spring 2014.**Current Offerings:** <https://catalog.uwm.edu/course-search/>**KIN 416 Competencies in Athletic Training**

2 cr. Undergraduate.

Practice, testing, and practical field application of educational competencies and clinical proficiencies in athletic training.

Prerequisites: acceptance into student Athletic Training prog.**Course Rules:** May be retaken to 10 cr max.**Last Taught:** Spring 2017, Fall 2016, Spring 2016, Fall 2015.**Current Offerings:** <https://catalog.uwm.edu/course-search/>**KIN 430 Exercise Testing for Fitness Assessment and Exercise Prescription**

3 cr. Undergraduate.

Methods for assessing physical fitness in various populations, guidelines for graded exercise testing and exercise prescription. integrates lecture material with laboratory experience.

Prerequisites: Kin 330(P) or cons instr; current CPR/AED cert.**Last Taught:** Fall 2020, Fall 2019, Fall 2018, Fall 2017.**Current Offerings:** <https://catalog.uwm.edu/course-search/>**KIN 440 Innovative Approaches to Health and Wellness Coaching**

3 cr. Undergraduate.

Study of health and wellness coaching theory and practice related to health behavior change.

Prerequisites: senior standing or consent of instructor.**Course Rules:** Counts as repeat of KIN 590 with same topic. KIN 440 was previously KIN 482. KIN 440 and NUTR 440 are jointly offered; they count as repeats of one another.**Last Taught:** Spring 2023, Spring 2022, Spring 2021, Fall 2020.**Current Offerings:** <https://catalog.uwm.edu/course-search/>**KIN 480 Organization and Administration in the Exercise and Fitness Industry**

3 cr. Undergraduate.

Study of the delivery of exercise services in relationship to organization and administration of programs with emphasis on promotions, budget, supervision, equipment and facilities.

Prerequisites: admis to Kin major; or Kin minor; or cons instr.**Last Taught:** Fall 2019, Fall 2018, Fall 2016, Fall 2015.**Current Offerings:** <https://catalog.uwm.edu/course-search/>**KIN 481 Program Development and Evaluation in the Exercise and Fitness Industry**

3 cr. Undergraduate.

Study of systematic program design and evaluation including systems approach, evaluation models, problem solving by objectives, management by objectives and accountability.

Prerequisites: Kin 330(P), 350(P), 351(P); or cons instr. Preference is given to students in the Health Promotion track.**Last Taught:** Spring 2019, Spring 2018, Spring 2017, Spring 2016.**Current Offerings:** <https://catalog.uwm.edu/course-search/>**KIN 489 Kinesiology Internship**

1-6 cr. Undergraduate.

Application of kinesiology principles through guided, intensive field experience in exercise, sport, and health settings. Supervised development of professional skills and career exploration.

Prerequisites: advanced to Kin major, KIN 200(P), KIN 220(P), KIN 300(P), min GPA 2.0, and proof of CPR/AED.**Course Rules:** May be retaken to max of 6 cr. Not open for cr to students with cr in SPT&REC 489(ER).**Last Taught:** Summer 2023, Spring 2023, Fall 2022, Spring 2022.**Current Offerings:** <https://catalog.uwm.edu/course-search/>

KIN 497 Study Abroad:

1-12 cr. Undergraduate.

Designed to enroll students in UWM sponsored program before course work level, content, and credits are determined and/or in specially prepared program course work.

Prerequisites: acceptance for Study Abroad Prog.

Course Rules: May be retaken w/chg in topic.

Last Taught: Summer 2023, Summer 2019, Summer 2018.

Current Offerings: <https://catalog.uwm.edu/course-search/>

KIN 520 Introduction to Biomechanics Research

3 cr. Undergraduate/Graduate.

Introduction to biomechanics experimental methods and instrumentation. Emphasis on understanding the research literature and research process, from study design to data analysis.

Prerequisites: a grade of C or better in KIN 320(P); or graduate standing; or consent of instructor.

Last Taught: Spring 2021.

Current Offerings: <https://catalog.uwm.edu/course-search/>

KIN 520G Introduction to Biomechanics Research

3 cr. Undergraduate/Graduate.

Introduction to biomechanics experimental methods and instrumentation. Emphasis on understanding the research literature and research process, from study design to data analysis.

Prerequisites: a grade of C or better in KIN 320(P); or graduate standing; or consent of instructor.

Last Taught: Spring 2021.

Current Offerings: <https://catalog.uwm.edu/course-search/>

KIN 522 Biomechanics of Athletic Performance

3 cr. Undergraduate/Graduate.

Exploration of the mechanical factors that affect performance in a variety of athletic activities with a focus on methods to detect and correct faults in technique.

Prerequisites: junior standing; grade of C or better in KIN 320(P); or graduate standing; or consent of instructor.

Last Taught: Fall 2021, Fall 2017.

Current Offerings: <https://catalog.uwm.edu/course-search/>

KIN 522G Biomechanics of Athletic Performance

3 cr. Undergraduate/Graduate.

Exploration of the mechanical factors that affect performance in a variety of athletic activities with a focus on methods to detect and correct faults in technique.

Prerequisites: junior standing; grade of C or better in KIN 320(P); or graduate standing; or consent of instructor.

Last Taught: Fall 2021, Fall 2017.

Current Offerings: <https://catalog.uwm.edu/course-search/>

KIN 530 Physiology of Performance

3 cr. Undergraduate/Graduate.

Advanced study of the physiological responses to exercise and the adaptations to physical training.

Prerequisites: junior standing; grade of C or better in KIN 330(P); Kinesiology major or intended major; or graduate standing.

Last Taught: Fall 2022.

Current Offerings: <https://catalog.uwm.edu/course-search/>

KIN 530G Physiology of Performance

3 cr. Undergraduate/Graduate.

Advanced study of the physiological responses to exercise and the adaptations to physical training.

Prerequisites: junior standing; grade of C or better in KIN 330(P); Kinesiology major or intended major; or graduate standing.

Last Taught: Fall 2022.

Current Offerings: <https://catalog.uwm.edu/course-search/>

KIN 531 Clinical Exercise Physiology

3 cr. Undergraduate/Graduate.

Study of the physiological responses to exercise and the adaptations to physical training for those with chronic diseases, conditions and/or physical shortcomings.

Prerequisites: junior standing, a grade of C or better in KIN 330(P), and Kinesiology major or intended major; or graduate standing.

Last Taught: Fall 2021.

Current Offerings: <https://catalog.uwm.edu/course-search/>

KIN 531G Clinical Exercise Physiology

3 cr. Undergraduate/Graduate.

Study of the physiological responses to exercise and the adaptations to physical training for those with chronic diseases, conditions and/or physical shortcomings.

Prerequisites: junior standing, a grade of C or better in KIN 330(P), and Kinesiology major or intended major; or graduate standing.

Last Taught: Fall 2021.

Current Offerings: <https://catalog.uwm.edu/course-search/>

KIN 532 Electrocardiography Interpretation

3 cr. Undergraduate/Graduate.

In depth study of the 12 lead EKG and selected cardiovascular medications encountered in preventative and rehabilitative exercise programs.

Prerequisites: jr st; grade of C or better in Kin 330(P); 430(R); or grad st or cons instr.

Course Rules: Counts as repeat of Kin 590(HMS 590) with similar title.

Last Taught: Spring 2022.

Current Offerings: <https://catalog.uwm.edu/course-search/>

KIN 532G Electrocardiography Interpretation

3 cr. Undergraduate/Graduate.

In depth study of the 12 lead EKG and selected cardiovascular medications encountered in preventative and rehabilitative exercise programs.

Prerequisites: jr st; grade of C or better in Kin 330(P); 430(R); or grad st or cons instr.

Course Rules: Counts as repeat of Kin 590(HMS 590) with similar title.

Last Taught: Spring 2022.

Current Offerings: <https://catalog.uwm.edu/course-search/>

KIN 533 Physiology of Performance: Testing and Application

3 cr. Undergraduate/Graduate.

Practical exercise testing knowledge and application of typical performance measures.

Prerequisites: junior standing and KIN 335(P); or consent of instructor; or graduate standing.

Course Rules: Previously KIN 733.

Last Taught: Fall 2022.

Current Offerings: <https://catalog.uwm.edu/course-search/>

KIN 533G Physiology of Performance: Testing and Application

3 cr. Undergraduate/Graduate.

Practical exercise testing knowledge and application of typical performance measures.

Prerequisites: junior standing and KIN 335(P); or consent of instructor; or graduate standing.**Course Rules:** Previously KIN 733.**Last Taught:** Fall 2022.**Current Offerings:** <https://catalog.uwm.edu/course-search/>**KIN 534 Physical Activity, Exercise and Health**

3 cr. Undergraduate/Graduate.

The role of physical activity and exercise in the prevention and treatment of various chronic conditions and diseases.

Prerequisites: junior standing or greater; or graduate standing.**Course Rules:** Previously KIN 732.**Last Taught:** Fall 2021, Spring 2021.**Current Offerings:** <https://catalog.uwm.edu/course-search/>**KIN 534G Physical Activity, Exercise and Health**

3 cr. Undergraduate/Graduate.

The role of physical activity and exercise in the prevention and treatment of various chronic conditions and diseases.

Prerequisites: junior standing or greater; or graduate standing.**Course Rules:** Previously KIN 732.**Last Taught:** Fall 2021, Spring 2021.**Current Offerings:** <https://catalog.uwm.edu/course-search/>**KIN 550 Psychological Aspects of Human Movement**

3 cr. Undergraduate/Graduate.

Study of the relationships between psychological factors and human physical activity. Introduction to research relevant to sport and exercise psychology.

Prerequisites: jr st; must have obtained a grade of C or better in Kin 350(P) or cons instr.**Last Taught:** Fall 2022.**Current Offerings:** <https://catalog.uwm.edu/course-search/>**KIN 550G Psychological Aspects of Human Movement**

3 cr. Undergraduate/Graduate.

Study of the relationships between psychological factors and human physical activity. Introduction to research relevant to sport and exercise psychology.

Prerequisites: jr st; must have obtained a grade of C or better in Kin 350(P) or cons instr.**Last Taught:** Fall 2022.**Current Offerings:** <https://catalog.uwm.edu/course-search/>**KIN 555 Exercise Psychology**

3 cr. Undergraduate/Graduate.

Psychological antecedents and consequences of physical activity in relation to mental health and public health.

Prerequisites: jr st; Grade C or better in Kin 350(P) or cons instr.**Course Rules:** Counts as repeat of Kin 590 with same topic.**Last Taught:** Spring 2009.**Current Offerings:** <https://catalog.uwm.edu/course-search/>**KIN 555G Exercise Psychology**

3 cr. Undergraduate/Graduate.

Psychological antecedents and consequences of physical activity in relation to mental health and public health.

Prerequisites: jr st; Grade C or better in Kin 350(P) or cons instr.**Course Rules:** Counts as repeat of Kin 590 with same topic.**Last Taught:** Spring 2009.**Current Offerings:** <https://catalog.uwm.edu/course-search/>**KIN 556 Multilevel Approaches to Changing Physical Activity and Eating Behaviors**

3 cr. Undergraduate/Graduate.

An introduction to key theoretical and conceptual frameworks for understanding health-related behavior and evidence-based practical approaches for promoting behavior change.

Prerequisites: a grade of C or better in KIN 350(P); or graduate standing; or consent of instructor.**Course Rules:** Counts as repeat of KIN 590 with the same topic. KIN 556 and NUTR 556 are jointly offered and count as repeats of one another.**Last Taught:** Spring 2023.**Current Offerings:** <https://catalog.uwm.edu/course-search/>**KIN 556G Multilevel Approaches to Changing Physical Activity and Eating Behaviors**

3 cr. Undergraduate/Graduate.

An introduction to key theoretical and conceptual frameworks for understanding health-related behavior and evidence-based practical approaches for promoting behavior change.

Prerequisites: a grade of C or better in KIN 350(P); or graduate standing; or consent of instructor.**Course Rules:** Counts as repeat of KIN 590 with the same topic. KIN 556 and NUTR 556 are jointly offered and count as repeats of one another.**Last Taught:** Spring 2023.**Current Offerings:** <https://catalog.uwm.edu/course-search/>**KIN 561 Investigating Motor Behavior in Health, Aging, and Disease**

3 cr. Undergraduate/Graduate.

An introduction to the major theoretical and empirical perspectives used to examine how the nervous system and musculoskeletal system work cooperatively to produce human movement in health, aging, and disease.

Prerequisites: junior standing; a grade of C or better in KIN 361(P) or consent of instructor.**Last Taught:** Fall 2022.**Current Offerings:** <https://catalog.uwm.edu/course-search/>**KIN 561G Investigating Motor Behavior in Health, Aging, and Disease**

3 cr. Undergraduate/Graduate.

An introduction to the major theoretical and empirical perspectives used to examine how the nervous system and musculoskeletal system work cooperatively to produce human movement in health, aging, and disease.

Prerequisites: junior standing; a grade of C or better in KIN 361(P) or consent of instructor.**Last Taught:** Fall 2022.**Current Offerings:** <https://catalog.uwm.edu/course-search/>

KIN 570 Sociological Aspects of Physical Activity

3 cr. Undergraduate/Graduate.

Relationships between sociological factors and human physical activity. Introduction to research relevant to the sociology of sport and other forms of physical activity.

Prerequisites: junior standing and a grade of C or better in KIN 351(P); or consent of instructor.

Last Taught: Spring 2011, Spring 2010.

Current Offerings: <https://catalog.uwm.edu/course-search/>

KIN 570G Sociological Aspects of Physical Activity

3 cr. Undergraduate/Graduate.

Relationships between sociological factors and human physical activity. Introduction to research relevant to the sociology of sport and other forms of physical activity.

Prerequisites: junior standing and a grade of C or better in KIN 351(P); or consent of instructor.

Last Taught: Spring 2011, Spring 2010.

Current Offerings: <https://catalog.uwm.edu/course-search/>

KIN 573 Body Image: Influences and Health-Related Implications

3 cr. Undergraduate/Graduate.

In-depth examination of the multidimensional body image construct: body image development, assessment, and modification; impact on health and behavior; body image in special populations.

Prerequisites: jr st; Psych 101(P).

Course Rules: Counts as repeat of Kin 590 with same topic.

Last Taught: Fall 2013.

Current Offerings: <https://catalog.uwm.edu/course-search/>

KIN 573G Body Image: Influences and Health-Related Implications

3 cr. Undergraduate/Graduate.

In-depth examination of the multidimensional body image construct: body image development, assessment, and modification; impact on health and behavior; body image in special populations.

Prerequisites: jr st; Psych 101(P).

Course Rules: Counts as repeat of Kin 590 with same topic.

Last Taught: Fall 2013.

Current Offerings: <https://catalog.uwm.edu/course-search/>

KIN 574 Obesity and Weight Management

3 cr. Undergraduate/Graduate.

Examination of the epidemiology of obesity, genetic and environmental contributors, body weight regulation, health and psychosocial consequences, and approaches to assessment, prevention, and treatment.

Prerequisites: junior standing and a grade of C or better in BMS 232(P) or NUTR 235(P).

Course Rules: Counts as repeat of KIN 590 with same topic. KIN 574 and NUTR 574 are jointly offered; they count as repeats of one another.

Last Taught: Spring 2023.

Current Offerings: <https://catalog.uwm.edu/course-search/>

KIN 574G Obesity and Weight Management

3 cr. Undergraduate/Graduate.

Examination of the epidemiology of obesity, genetic and environmental contributors, body weight regulation, health and psychosocial consequences, and approaches to assessment, prevention, and treatment.

Prerequisites: junior standing and a grade of C or better in BMS 232(P) or NUTR 235(P).

Course Rules: Counts as repeat of KIN 590 with same topic. KIN 574 and NUTR 574 are jointly offered; they count as repeats of one another.

Last Taught: Spring 2023.

Current Offerings: <https://catalog.uwm.edu/course-search/>

KIN 575 The Social Construction of Obesity

3 cr. Undergraduate/Graduate.

Examines how obesity is socially constructed and how it shapes conceptions of fitness and physical activity.

Prerequisites: jr st; grade of C or better in Kin 351(P); or cons instr.

Course Rules: Counts as repeat of HMS 590 with same topic.

Last Taught: Fall 2010, Fall 2009.

Current Offerings: <https://catalog.uwm.edu/course-search/>

KIN 575G The Social Construction of Obesity

3 cr. Undergraduate/Graduate.

Examines how obesity is socially constructed and how it shapes conceptions of fitness and physical activity.

Prerequisites: jr st; grade of C or better in Kin 351(P); or cons instr.

Course Rules: Counts as repeat of HMS 590 with same topic.

Last Taught: Fall 2010, Fall 2009.

Current Offerings: <https://catalog.uwm.edu/course-search/>

KIN 580 Sports Nutrition

3 cr. Undergraduate/Graduate.

The integration and application of nutrition and exercise science principles to maximize health, fitness, and sport performance.

Prerequisites: junior standing and a grade of C or better in NUTR 235(P) or BMS 232(P).

Course Rules: Counts as a repeat of NUTR 550, or BMS 590 or KIN 590 with similar topic. NUTR 580 and KIN 580 are jointly offered; they count as repeats of one another.

Last Taught: Summer 2023.

Current Offerings: <https://catalog.uwm.edu/course-search/>

KIN 580G Sports Nutrition

3 cr. Undergraduate/Graduate.

The integration and application of nutrition and exercise science principles to maximize health, fitness, and sport performance.

Prerequisites: junior standing and a grade of C or better in NUTR 235(P) or BMS 232(P).

Course Rules: Counts as a repeat of NUTR 550, or BMS 590 or KIN 590 with similar topic. NUTR 580 and KIN 580 are jointly offered; they count as repeats of one another.

Last Taught: Summer 2023.

Current Offerings: <https://catalog.uwm.edu/course-search/>

KIN 590 Current Topics in Human Kinetics:

1-3 cr. Undergraduate/Graduate.

The specific topic will be announced in the Schedule of Classes each time the course is offered.

Prerequisites: junior standing; consent of instructor for graduate credit.**Course Rules:** May be retaken to max of 9 cr.**Last Taught:** Summer 2023, Fall 2022.**Current Offerings:** <https://catalog.uwm.edu/course-search/>**KIN 590G Current Topics in Human Kinetics:**

1-3 cr. Undergraduate/Graduate.

The specific topic will be announced in the Schedule of Classes each time the course is offered.

Prerequisites: junior standing; consent of instructor for graduate credit.**Course Rules:** May be retaken to max of 9 cr.**Last Taught:** Summer 2023, Fall 2022.**Current Offerings:** <https://catalog.uwm.edu/course-search/>**KIN 642G Professionalism and Ethos of Care**

3 cr. Undergraduate/Graduate.

The ethics of professional practice, fiduciary relationships, rights, duties associated with the patient/therapist relationship, and the role character plays in ethical decision-making.

Prerequisites: grad st; good standing in DPT prog**Last Taught:** Fall 2016, Fall 2015, Fall 2014, Summer 2014.**Current Offerings:** <https://catalog.uwm.edu/course-search/>**KIN 701 Seminar in Human Movement Sciences**

1-3 cr. Graduate.

Research in the Human Movement Sciences subdisciplines including critical review of theories, perspectives and methods. Faculty, student presentations of current work.

Prerequisites: grad st**Course Rules:** Retakable to 3 cr max.**Last Taught:** Spring 2013, Spring 2012, Fall 2011, Spring 2011.**Current Offerings:** <https://catalog.uwm.edu/course-search/>**KIN 702 Statistical Analysis in the Health Sciences**

3 cr. Graduate.

Univariate, bivariate, and multivariate analyses as they apply to health science research.

Prerequisites: grad st; intro level statistics course at U/G or G level.**Last Taught:** Spring 2023, Spring 2022, Spring 2021, Spring 2020.**Current Offerings:** <https://catalog.uwm.edu/course-search/>**KIN 703 Research Methods in Kinesiology**

3 cr. Graduate.

Methods for multi-disciplinary human movement inquiry; problem/statistical design; critique of available literature; preliminary thesis/project design.

Prerequisites: graduate standing.**Last Taught:** Spring 2023, Spring 2022, Spring 2021, Spring 2020.**Current Offerings:** <https://catalog.uwm.edu/course-search/>**KIN 706 Research & Applied Statistics in Physical Therapy**

3 cr. Graduate.

Specific quantitative research designs and statistics with an emphasis on clinical research; methods for critically evaluating research literature.

Prerequisites: grad st, admis to DPT program; or cons instr.**Last Taught:** Spring 2017, Spring 2016, Spring 2015, Summer 2010.**Current Offerings:** <https://catalog.uwm.edu/course-search/>**KIN 710 Evidence Based Practice: Levels of Evidence**

1 cr. Graduate.

Strategies for evaluating the evidence underlying physical therapy practice as a framework for creating and evaluating best practice decisions.

Prerequisites: grad st, admis to DPT Program; or cons instr.**Last Taught:** Summer 2009, Summer 2008.**Current Offerings:** <https://catalog.uwm.edu/course-search/>**KIN 711 Evidence Based Practice: Interventions**

1 cr. Graduate.

Focus on information access and retrieval from research literature used to inform physical therapy interventions for treatment of movement disorders.

Prerequisites: grad st; admis to DPT Program or cons instr.**Last Taught:** Fall 2009, Fall 2008.**Current Offerings:** <https://catalog.uwm.edu/course-search/>**KIN 712 Evidence Based Practice: Tests & Measures**

1 cr. Graduate.

Focus on the critical analysis of published clinical research related to physical therapy tests and measures.

Prerequisites: grad st; admis to DPT program or cons instr.**Last Taught:** Spring 2010, Spring 2009.**Current Offerings:** <https://catalog.uwm.edu/course-search/>**KIN 713 Professional Issues in Physical Therapy**

1 cr. Graduate.

Strategies for growth & adaptation of physical therapy practice in the context of a changing health care environment.

Prerequisites: grad st; valid license to practice physical therapy or cons instr**Current Offerings:** <https://catalog.uwm.edu/course-search/>**KIN 714 Evidence for Practice I**

3 cr. Graduate.

Provides clinicians with a rubric for searching & evaluating the published literature supporting physical therapy practice & informing best practice decisions.

Prerequisites: grad st; valid license to practice physical therapy or cons instr**Last Taught:** Fall 2007.**Current Offerings:** <https://catalog.uwm.edu/course-search/>**KIN 715 Evidence for Practice II**

3-6 cr. Graduate.

Synthesis of prior coursework in the development and presentation of a clinical practice decision supported with best evidence practices.

Prerequisites: grad st; valid license to practice physical therapy.**Course Rules:** Retakable to 6 cr max.**Last Taught:** Summer 2008, Fall 2007.**Current Offerings:** <https://catalog.uwm.edu/course-search/>**KIN 716 Seminar: The Culture of Evidence**

1 cr. Graduate.

The role of evidence in physical therapy clinical decision making with application to current interventions.

Prerequisites: grad st; valid license to practice physical therapy or cons instr**Last Taught:** Summer 2007.**Current Offerings:** <https://catalog.uwm.edu/course-search/>

KIN 717 Pharmacology In Rehabilitation

2 cr. Graduate.

Pharmacologic agents encountered in physical therapy rehabilitation settings focusing on pharmacodynamics, pharmacokinetics, biotransformation of drugs, and clinical application for relevant drug classifications.

Prerequisites: grad st, admis to DPT Program; or cons instr

Last Taught: Spring 2013, Spring 2012, Fall 2011, Fall 2010.

Current Offerings: <https://catalog.uwm.edu/course-search/>

KIN 720 Advanced Biomechanics Research

3 cr. Graduate.

Introduction to advanced biomechanics collection techniques. Course focuses on basic programming, data collection/analysis, and presentation skills.

Prerequisites: grad st; Kin 520(C); or cons instr

Course Rules: Counts as repeat of Kin 590 with same topic.

Last Taught: Fall 2021, Fall 2018, Fall 2016, Fall 2013.

Current Offerings: <https://catalog.uwm.edu/course-search/>

KIN 721 Muscle Mechanics & Modeling

3 cr. Graduate.

An in-depth background in muscle mechanics. Basic muscle mechanics, classic research studies, and the development of a computer muscle model to understand force production and movement control through musculoskeletal modeling.

Prerequisites: graduate standing or consent of instructor.

Course Rules: Counts as repeat of KIN 590 with similar topic.

Current Offerings: <https://catalog.uwm.edu/course-search/>

KIN 725 Interdisciplinary Themes in Biomechanics

3 cr. Graduate.

Emphasis on biomechanical research themes of an interdisciplinary character. Readings drawn from primary research literature.

Prerequisites: grad st; Kin 520(P) or cons instr.

Last Taught: Fall 2014, Fall 2010, Spring 2006, Fall 2003.

Current Offerings: <https://catalog.uwm.edu/course-search/>

KIN 743 Health Systems Review

2 cr. Graduate.

Provides systems overview of screening procedures necessary to provide a comprehensive physical therapy diagnosis with an emphasis on screening for referral.

Prerequisites: grad st; valid license to practice physical therapy or cons instr

Last Taught: Spring 2008, Spring 2007.

Current Offerings: <https://catalog.uwm.edu/course-search/>

KIN 761 Concepts of Human Motor Control

3 cr. Graduate.

A systematic examination of neuromotor control mechanisms and critical review of research in human motor behavior focusing on variables limiting or facilitating performance and/or skill acquisition.

Prerequisites: grad st, Kin 561(P) or cons instr.

Last Taught: Spring 2022, Fall 2019, Fall 2017, Fall 2014.

Current Offerings: <https://catalog.uwm.edu/course-search/>

KIN 762 Research Practicum in Motor Control

3 cr. Graduate.

Demonstration/participation laboratory focused on human motor control experimental design. Topics include sampling, subject protection, techniques for quantification of motor performance characteristics and neuromuscular correlates.

Prerequisites: grad st; Kin 561(P) or cons instr.

Last Taught: Spring 2018, Spring 2017, Spring 2008, Spring 2005.

Current Offerings: <https://catalog.uwm.edu/course-search/>

KIN 763 Neural Control of Movement

3 cr. Graduate.

Fundamental concepts and current issues in how the brain and other neurological structures contribute to the control of movement.

Prerequisites: grad st, Kin 561(P) or cons instr.

Last Taught: Spring 2014.

Current Offerings: <https://catalog.uwm.edu/course-search/>

KIN 764 Neurophysiology of Human Movement

3 cr. Graduate.

A neurophysiologic perspective on key areas of human motor control.

Prerequisites: grad st, Kin 561(P) or cons instr.

Course Rules: Counts as repeat of Kin(HMS) 590 with same topic.

Last Taught: Spring 2014.

Current Offerings: <https://catalog.uwm.edu/course-search/>

KIN 780 Clinical Teaching

2 cr. Graduate.

Exploration of patient education intervention focusing on patient adherence in the context of learning theory, adult learning, and learning domains.

Prerequisites: grad st, admis to DPT Program; or cons instr.

Last Taught: Fall 2015, Fall 2014, Fall 2013, Fall 2012.

Current Offerings: <https://catalog.uwm.edu/course-search/>

KIN 798 Independent Project

1-6 cr. Graduate.

Student research in consultation with and supervised by a graduate faculty member.

Prerequisites: grad st; cons instr

Course Rules: Retakable w/ chg in topic to 6 cr max.

Last Taught: Spring 2023, Spring 2022, Fall 2021, Spring 2021.

Current Offerings: <https://catalog.uwm.edu/course-search/>

KIN 799 Independent Reading

1-3 cr. Graduate.

Independent study of a topic selected by the student in consultation with the supervising graduate faculty member.

Prerequisites: grad st; cons instr.

Course Rules: May be repeated with change in topic to max of 6 cr.

Last Taught: Spring 2023, Fall 2022, Spring 2022, Fall 2021.

Current Offerings: <https://catalog.uwm.edu/course-search/>

KIN 830 Physiological Adaptations to Exercise

3 cr. Graduate.

Physiological factors related to performing physical activity and exercise on a chronic basis; various environmental influences on physical performance.

Prerequisites: grad st; a grade of C or better in Kin 530(P).

Last Taught: Fall 2013, Fall 2011, Fall 2010, Fall 2009.

Current Offerings: <https://catalog.uwm.edu/course-search/>

KIN 850 Seminar in Psychological Aspects of Physical Activity:

3 cr. Graduate.

Advanced seminar on selected topics in the psychology of physical activity.

Prerequisites: grad st; Kin 550(P) or cons instr.

Course Rules: May be repeated with change in topic to max of 6 cr.

Last Taught: Spring 2018, Spring 2017, Spring 2015, Spring 2014.

Current Offerings: <https://catalog.uwm.edu/course-search/>

KIN 871 Socialization and Physical Activity

3 cr. Graduate.

Advanced seminar on research relevant to the development/lack of development of physically active lifestyles.

Prerequisites: grad st; Kin 870(P) or cons instr.

Current Offerings: <https://catalog.uwm.edu/course-search/>

KIN 888 Candidate for Degree

0 cr. Graduate.

Available for graduate students who must meet minimum credit load requirement.

Prerequisites: graduate standing.

Course Rules: Fee for 1 cr assessed; unit does not count towards credit load for Fin Aid. Repeatable. Satisfactory/Unsatisfactory only.

Last Taught: Summer 2019, Summer 2018, Spring 2018, Summer 2017.

Current Offerings: <https://catalog.uwm.edu/course-search/>

KIN 890 Capstone Project

1-6 cr. Graduate.

Preparation of a research project under the supervision of the student's major professor.

Prerequisites: grad st.

Course Rules: Not open to students selecting options A.

Last Taught: Spring 2023, Fall 2022, Spring 2022, Fall 2021.

Current Offerings: <https://catalog.uwm.edu/course-search/>

KIN 891 Research Seminar

3 cr. Graduate.

Advanced seminar on the synthesis and critique of research literature within the student's primary and secondary subdisciplines.

Prerequisites: grad st; completion of all or conc reg in remaining coursework for degree.

Course Rules: Not open to option A or C students.

Last Taught: Summer 2013, Summer 2012, Spring 2012, Fall 2011.

Current Offerings: <https://catalog.uwm.edu/course-search/>

KIN 895 Research and Thesis

1-6 cr. Graduate.

Preparation of a thesis under the direction of the student's primary and secondary advisors.

Prerequisites: grad st; cons instr

Last Taught: Spring 2023, Spring 2022, Fall 2021, Spring 2021.

Current Offerings: <https://catalog.uwm.edu/course-search/>

KIN 909 Guided Teaching Experience in Health Sciences

3 cr. Graduate.

This course provides the student, under the supervision of a faculty member, with the opportunity to design, deliver, and evaluate an undergraduate course.

Prerequisites: graduate standing, one of the following: ATRAIN 900(P), OCCTHPY 900(P), PRPP 900(P), or PT 900(P), and consent of instructor.

Course Rules: Satisfactory/Unsatisfactory only. ATRAIN 909, BMS 909, COMSDIS 909, HCA 909, KIN 909, OCCTHPY 909, PT 909, and PRPP 909 are jointly offered and count as repeats of one another.

Last Taught: Fall 2022, Spring 2022, Spring 2021, Fall 2020.

Current Offerings: <https://catalog.uwm.edu/course-search/>

KIN 910 Advanced Seminar in Health Sciences

1 cr. Graduate.

Faculty, graduate students, and invited guests will present their research and engage in discussion around themes of broad interest, e.g., public health.

Prerequisites: grad st

Course Rules: Retakable to 4 cr max.

Last Taught: Spring 2021, Spring 2019, Spring 2018, Spring 2017.

Current Offerings: <https://catalog.uwm.edu/course-search/>

KIN 930 Seminar in Exercise Physiology

1-3 cr. Graduate.

Evaluation of current research and methodology in exercise physiology.

Prerequisites: grad st; cons instr

Course Rules: Retakable to 9 cr max w/change in topic.

Last Taught: Spring 2021, Fall 2019, Spring 2019, Fall 2018.

Current Offerings: <https://catalog.uwm.edu/course-search/>

KIN 990 Research and Thesis

1-6 cr. Graduate.

Preparation of a thesis under the direction of the student's primary and secondary advisors.

Prerequisites: grad st.

Course Rules: May be repeated to max of 6 cr. Not open to students selecting options B or C.

Last Taught: Summer 2007, Spring 2007, Fall 2006, Summer 2006.

Current Offerings: <https://catalog.uwm.edu/course-search/>

KIN 991 Doctoral Dissertation

1-12 cr. Graduate.

Dissertation research

Prerequisites: grad st; admit to Ph.D. candidacy

Last Taught: Summer 2023, Spring 2023, Fall 2022, Spring 2022.

Current Offerings: <https://catalog.uwm.edu/course-search/>

KIN 999 Advanced Independent Study

1-6 cr. Graduate.

Independent study on topic selected by student and supervising graduate faculty member.

Prerequisites: grad st; cons instr

Last Taught: Fall 2022, Summer 2022, Spring 2022, Fall 2021.

Current Offerings: <https://catalog.uwm.edu/course-search/>