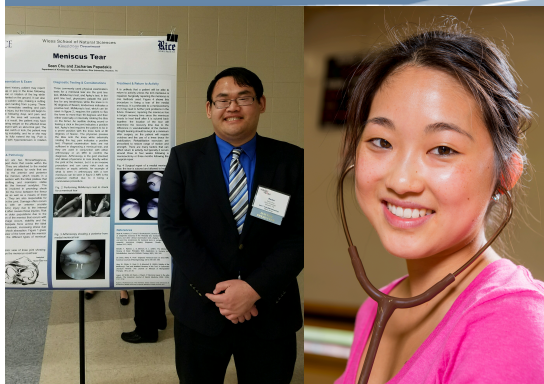


The Sports Medicine & Exercise Physiology major intends to provide a strong natural science foundation & interface this foundation with application to the human body. Courses in biology & biochemistry, as well as an array of required & elective courses offered within the department provide this foundation. The Sports Medicine & Exercise Physiology major is the only academic specialization on campus that provides detailed exposure to human anatomy & human physiology.

In addition, students receive complete coursework in research methods, motor learning, statistics, exercise physiology, sports psychology, and sports medicine. Practical experience is afforded through academic labs. Other elective courses include epidemiology and exercise epidemiology, case studies in human performance, motor control, and advanced exercise physiology, sports nutrition, medical terminology, and muscle physiology and plasticity. During advising sessions, students are encouraged to select from these electives according to their respective career goals.

Students who choose the Sports Medicine & Exercise Physiology major typically continue their education at the graduate level or plan on attending medical school or other medically related professional schools, such as physical therapy. Graduates also may be directly employed in medical and corporate settings, which include both preventative and rehabilitative programs.



## Sports Medicine & Exercise Physiology Faculty



Augusto Rodriguez, PhD  
Sports Medicine Advisor



Amanda Perkins-Ball, PhD  
Sports Medicine Advisor



Laura Kabiri, PT, DPT, PhD, CSCS  
Sports Medicine Advisor

### Part-Time Faculty

Roberta Anding, MS, RD/LD, CDE, CSSD  
Jaime Aparicio, PT, DPT, SCS, CSCS, USATF-1  
Brian Gibson, PhD  
Wendy Schell, MS, PT  
Dawn Stuckey, MED, ATC, LAT

## Kinesiology Department

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Find us on Facebook:

<https://www.facebook.com/RiceUniversityKinesiologyDepartment>



## Bachelor of Arts in Sports Medicine & Exercise Physiology



RICE NATURAL SCIENCES  
Kinesiology



RICE UNIVERSITY

Wiess School of Natural Sciences

Department of Kinesiology

## BA in Sports Medicine & Exercise Physiology Degree Requirements

### REQUIRED CORE COURSES

HEAL 103 (3) Nutrition  
 KINE 300 (4) Human Anatomy with Lab  
 KINE 301 (3) Human Physiology  
 KINE 302 (3) Biomechanics  
 KINE 310 (3) Psychological Aspects of Sport & Exercise  
 KINE 311 (3) Motor Learning  
 KINE 319 (3) Statistics for the Health Professional  
 KINE 321 (3) Exercise Physiology  
 KINE 440 (3) Research Methods

*-Total Core Hours: 28*

### ELECTIVES

KINE 120 (3) Foundations of Kinesiology  
 HEAL 132 (3) Medical Terminology  
 KINE 326 (3) Exercise Epidemiology  
 KINE 351 (1) Advanced Human Anatomy Lab  
 KINE 375 (1-3) Internship in Sports Medicine  
 KINE 403 (3) Sports Nutrition  
 HEAL 407 (3) Epidemiology  
 KINE 410 (3) Case Studies in Human Performance  
 KINE 412 (3) Motor Control  
 KINE 415 (3) Psych. Aspects of Sports Injury & Rehab  
 KINE 421 (3) Advanced Topics in Exercise  
     Physiology and Preventive Medicine  
 KINE 430 (3) Sports Injury: Eval, Mgmt, & Treat  
 KINE 495 (3) Independent Research  
 KINE 498 (1-3) Special Topics in Sports Medicine  
 KINE 499 (1-3) Teaching Practicum

### ELECTIVES (continued)

BIOS 201 (3) Introductory Biology I  
 BIOS 202 (3) Introductory Biology II  
 BIOS 211 (3) Introductory Experimental  
     Biosciences  
 BIOS 301 (3) Biochemistry I  
 BIOS 302 (3) Biochemistry II  
 BIOS 311 (3) Advanced Experimental  
     Biosciences  
 BIOS 313 (3) Experimental Synthetic Bio  
 BIOS 372 (3) Immunology  
 CHEM 121/123 (4) General Chemistry I w/ Lab  
 CHEM 122 /124 (4) General Chemistry II w/Lab  
 CHEM 151/153 (4) Honors Chemistry I w/ Lab  
 CHEM 152/154 (4) Honors Chemistry II w/ Lab  
 PHYS 101 (4) Mechanics with Lab  
 PHYS 102 (4) Electricity and Magnetism w/ Lab  
 PHYS 125 (4) General Physics I with Lab  
 PHYS 126 (4) General Physics II with Lab  
 PSYC 202 (3) Introduction to Social Psychology  
 PSYC 203 (3) Introduction to Cognitive  
     Psychology  
 PSYC 321 (3) Developmental Psychology  
*-Total Elective Hours: 15*

A minimum of 120 semester hours is required for the Bachelor of Arts Degree. In addition to the University course requirements, students majoring in Sports Medicine & Exercise Physiology must complete 43 hours of core & elective course work.

Students desiring to major in Sports Medicine & Exercise Physiology should consult the appropriate faculty advisor for personalized degree planning tailored to his/her desired career path.

**Minimum Total of 43 Hours  
Required for a Bachelor of Arts in  
Sports Medicine & Exercise  
Physiology**