The B.S. degree in Kinesiology is a liberal arts degree that provides students with a broad foundation in Kinesiology, the interdisciplinary study of human movement and physical activity.

The Kinesiology “core” courses, required of all majors, introduce the sociological (KNES 287), historical (KNES 293), biomechanical (KNES 300), psychological (KNES 350), physiological (KNES 360), developmental (KNES 370) and cognitive-motor (KNES 385) aspects of kinesiology.

After completion of the KNES Core courses KNES majors are required to choose 4 KNES Upper Level OPTION courses linked with their career path. Students begin to explore specializations as they complete OPTION courses.

This document provides career-related resources and potential OPTIONS courses relevant to various career paths.

All students are encouraged to work with kinesiology advisors and the university’s career center in developing their coursework plans to best achieve career goals (http://www.careercenter.umd.edu/).

Kinesiology students may also explore careers in Kinesiology at the American Kinesiology Association website http://www.americankinesiology.org/careers-in-kinesiology.

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Corporate Wellness programs
Personal Training/ Fitness consultant
Director of Fitness /Obesity Clinic
Lifestyle Coach

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Cognitive motor neuroscience & related fields
Exercise physiology & related fields
Physical cultural studies & related fields
Epidemiology
Public and community health/health promotion
Sports-related Law

**Health-related Careers (page 6)**
Athletic Training
Physical therapy/PT Assistant
Physician (chiropractic, allopathic, osteopathic, podiatry)
Physician Assistant
Nursing
Occupational therapy
Cardiac/Pulmonary rehabilitation; Cardiopulmonary technol.
Pharmaceutical /medical device sales
Occupational biomechanics/ergonomics
Prosthetics/Orthotics

**Certified Physical Education and Adapted Physical Education Teacher (page 10)**

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Recreation leadership (e.g. Parks & Recreation management)
Youth sport leadership
Sport tourism
Adapted physical education/sport

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Coaching (sport)
Strength & Conditioning coach
Sports Management/ Sporting industry
Sport facility managers
Sports/Sporting Goods Research
Sport marketing
Sports communication/journalism

**Teaching: other than Physical Education (page 15)**
Certified teacher of health education
Certified teacher of “science” courses (e.g., biology)
Fitness and Health Promotion Careers

Relevant Links:
Aerobics & Fitness Association of America: www.afaa.com
American Alliance for Health, Physical Education, Recreation and Dance: www.aahperd.org
American Association for Physical Activity and Recreation www.aahperd.org/aapar/
American College of Sports Medicine (ACSM) Certification: www.acsm.org
The ACSM Degree Guide: http://acsm.hpcareer.net/index.jsp
American Council on Exercise: www.acefitness.org
Association of Schools of Public Health www.asph.org/
Health Promotion careers: www.hpcareer.net
National Association for Sport and Physical Education: http://www.aahperd.org/naspe/
The National Athletic Trainers’ Association <http://www.nata.org/>
National Strength and Conditioning Association (NSCA) <http://www.nsca-lift.org/>
University of Maryland School of Public Health MPH programs: http://sph.umd.edu

Community Exercise Programs (kids, adapted, elderly, etc.)
KNES333 Physical Activity for Students with Special Needs
KNES 386 Experiential Learning
KNES 389G Fitness Assessment & Exercise Prescription
KNES 440 Psychology of Athletic Performance
KNES 442 Psychology of Exercise and Health
KNES 451 Children and Sport
KNES 455 Scientific Bases of Athletic Conditioning
KNES 457 Managing Youth Programs
KNES 461 Exercise and Body Composition
KNES 465 Exercise and Disease Prevention
KNES 480 Measurement in Physical Activity
KNES 498* Advanced Motor Development
KNES 498* Applied Assessment for Kinesiology
KNES 498* Developmental Motor Learning
KNES 498* Exercise and Aging
KNES 498* Movement Disorders: Theory and Practice
KNES 498* Principles & Methods of Physical Activity Interventions

Corporate Wellness programs
KNES 386 Experiential Learning
KNES 389G Fitness Assessment & Exercise Prescription
KNES 440 Psychology of Athletic Performance
KNES 442 Psychology of Exercise and Health
KNES 455 Scientific Bases of Athletic Conditioning
KNES 461 Exercise and Body Composition
KNES 464 Exercise and Metabolism
KNES 465 Exercise and Disease Prevention
KNES 467 Genetics in Physical Activity & Sport
KNES 480 Measurement in Physical Activity
KNES 498* Advanced Applied Physiology
KNES 498* Applied Assessment for Kinesiology
KNES 498* Exercise and Aging
KNES 498* Principles & Methods of Physical Activity Interventions
Personal Training/ Fitness consultant
KNES 386 Experiential Learning
KNES 389G Fitness Assessment & Exercise Prescription
KNES 402 Biomechanics of Sport
KNES 440 Psychology of Athletic Performance
KNES 442 Psychology of Exercise and Health
KNES 455 Scientific Bases of Athletic Conditioning
KNES 461 Exercise and Body Composition
KNES 464 Exercise and Metabolism
KNES 465 Exercise and Disease Prevention
KNES 467 Genetics in Physical Activity & Sport
KNES 480 Measurement in Physical Activity
KNES 498* Advanced Applied Physiology
KNES 498* Applied Assessment for Kinesiology
KNES 498* Exercise and Aging
KNES 498* Principles and Applications of Exercise Rehabilitation
KNES 498* Principles & Methods of Physical Activity Interventions

Director of Fitness / Obesity Clinic
KNES 386 Experiential Learning
KNES 389G Fitness Assessment & Exercise Prescription
KNES 440 Psychology of Athletic Performance
KNES 442 Psychology of Exercise and Health
KNES 455 Scientific Bases of Athletic Conditioning
KNES 461 Exercise and Body Composition
KNES 464 Exercise and Metabolism
KNES 465 Exercise and Disease Prevention
KNES 467 Genetics in Physical Activity & Sport
KNES 480 Measurement in Physical Activity
KNES 498* Advanced Applied Physiology
KNES 498* Applied Assessment for Kinesiology
KNES 498* Exercise and Aging
KNES 498* Principles and Applications of Exercise Rehabilitation
KNES 498* Principles & Methods of Physical Activity Interventions

Lifestyle Coach
KNES 386 Experiential Learning
KNES 389G Fitness Assessment & Exercise Prescription
KNES 440 Psychology of Athletic Performance
KNES 442 Psychology of Exercise and Health
KNES 455 Scientific Bases of Athletic Conditioning
KNES 461 Exercise and Body Composition
KNES 464 Exercise and Metabolism
KNES 465 Exercise and Disease Prevention
KNES 467 Genetics in Physical Activity & Sport
KNES 480 Measurement in Physical Activity
KNES 498* Advanced Applied Physiology
KNES 498* Applied Assessment for Kinesiology
KNES 498* Exercise and Aging
KNES 498* Principles and Applications of Exercise Rehabilitation
KNES 498* Principles & Methods of Physical Activity Interventions
Graduate and Professional Studies in Kinesiology and related fields

Relevant Links:
Biomechanics Graduate Programs: [www.asbweb.org/html/biomechanics_programs/programs.html](http://www.asbweb.org/html/biomechanics_programs/programs.html)
The American Academy of Kinesiology and Physical Education [http://www.aakpe.org](http://www.aakpe.org)
American Alliance for Health, Physical Education, Recreation and Dance: [www.aapherd.org](http://www.aapherd.org)
American College of Sports Medicine (ACSM): [www.acsm.org](http://www.acsm.org)
The ACSM Degree Guide: [http://acsm.hpcareer.net/index.jsp](http://acsm.hpcareer.net/index.jsp)
American Kinesiology Association: [www.americankinesiology.org](http://www.americankinesiology.org)
American Physiological Society: [www.the-aps.org/](http://www.the-aps.org/)
Association of Schools of Public Health: [www.asph.org](http://www.asph.org)
North American Society for Sport History [www.nassh.org](http://www.nassh.org)

Biomechanics
KNES 402 Biomechanics of Sport
KNES 467 Genetics in Physical Activity & Sport
KNES 498* Applied Assessment for Kinesiology
KNES 498* Kinesiology in the Workplace
KNES 498* Principles and Applications of Exercise Rehabilitation

Cognitive motor neuroscience & related fields
KNES 389G Fitness Assessment & Exercise Prescription
KNES 440 Psychology of Athletic Performance
KNES 442 Psychology of Exercise and Health
KNES 455 Scientific Bases of Athletic Conditioning
KNES 461 Exercise and Body Composition
KNES 462 Neural Bases of Movement
KNES 480 Measurement in Physical Activity
KNES 498* Advanced Motor Development
KNES 498* Applied Assessment for Kinesiology
KNES 498* Developmental Motor Learning
KNES 498* Exercise and Aging
KNES 498* Movement Disorders: Theory and Practice
KNES 498* Neural Control of Visual Motor Learning & Control
KNES 498* Principles and Applications of Exercise Rehabilitation

Exercise physiology & related fields
KNES 389G Fitness Assessment & Exercise Prescription
KNES 455 Scientific Bases of Athletic Conditioning
KNES 461 Exercise and Body Composition
KNES 464 Exercise and Metabolism
KNES 465 Exercise and Disease Prevention
KNES 467 Genetics in Physical Activity & Sport
KNES 480 Measurement in Physical Activity
KNES 498* Advanced Applied Physiology
KNES 498* Applied Assessment for Kinesiology
KNES 498* Exercise and Aging
KNES 498* Principles and Applications of Exercise Rehabilitation
KNES 498* Principles & Methods of Physical Activity Interventions
Physical cultural studies & related fields
KNES 398A Sport, Commerce, and Culture in the Global Marketplace
KNES 484 Sporting Hollywood
KNES 485 Sport and Globalization
KNES 487 Women, Sports and Culture
KNES 498* Basketball and Black Masculinity
KNES 498* Sport and the Civil Rights Movement

Epidemiology
KNES 461 Exercise and Body Composition
KNES 467 Genetics in Physical Activity & Sport
KNES 480 Measurement in Physical Activity
KNES 498* Applied Assessment for Kinesiology
KNES 498* Exercise and Aging
KNES 498* Principles & Methods of Physical Activity Interventions

Public and community health/health promotion
KNES 386 Experiential Learning
KNES 389G Fitness Assessment & Exercise Prescription
KNES 440 Psychology of Athletic Performance
KNES 442 Psychology of Exercise and Health
KNES 461 Exercise and Body Composition
KNES 467 Genetics in Physical Activity & Sport
KNES 480 Measurement in Physical Activity
KNES 498* Exercise and Aging
KNES 498* Movement Disorders: Theory and Practice
KNES 498* Principles and Applications of Exercise Rehabilitation
KNES 498* Principles & Methods of Physical Activity Interventions

Sports-related Law
KNES 398A Sport, Commerce, and Culture in the Global Marketplace
KNES 467 Genetics in Physical Activity & Sport
KNES 484 Sporting Hollywood
KNES 485 Sport and Globalization
KNES 487 Women, Sports and Culture
KNES 498* Basketball and Black Masculinity
KNES 498* Sport and the Civil Rights Movement
Health-related Careers

Relevant Links:
UMCP Health Professions Advising Office [http://www.prehealth.umd.edu/]
American Academy of Physician Assistants [http://www.aapa.org]
The ACSM Degree Guide: [http://acsm.hpcareer.net/index.jsp]
American Nurses Association: [www.nursingworld.org]
The American Occupational Therapy Association [http://www.aota.org/]
American Orthotic and Prosthetic Association [http://www.aopanet.org/]
American Physical Therapy Association [http://www.apta.org/]
Careers in Medicine: [www.aamc.org/careersinmedicine]
Human Factors and Ergonomics Society [http://www.hfes.org/]
The International Ergonomics Association [http://www.iea.cc/]
The National Athletic Trainers' Association [http://www.nata.org/]
[www.tomorrowsdoctors.org]

 Athletic Training
KNES 389G Fitness Assessment & Exercise Prescription
KNES 402 Biomechanics of Sport
KNES 440 Psychology of Athletic Performance
KNES 442 Psychology of Exercise and Health
KNES 455 Scientific Bases of Athletic Conditioning
KNES 461 Exercise and Body Composition
KNES 462 Neural Bases of Movement
KNES 464 Exercise and Metabolism
KNES 465 Exercise and Disease Prevention
KNES 466 Graded Exercise Testing
KNES 467 Genetics in Physical Activity & Sport
KNES 498* Advanced Applied Physiology
KNES 498* Applied Assessment for Kinesiology
KNES 498* Exercise and Aging
KNES 498* Movement Disorders: Theory and Practice
KNES 498* Principles and Applications of Exercise Rehabilitation

Physical therapy/PT Assistant
KNES333 Physical Activity for Students with Special Needs
KNES 389G Fitness Assessment & Exercise Prescription
KNES 402 Biomechanics of Sport
KNES 442 Psychology of Exercise and Health
KNES 455 Scientific Bases of Athletic Conditioning
KNES 461 Exercise and Body Composition
KNES 462 Neural Bases of Movement
KNES 464 Exercise and Metabolism
KNES 465 Exercise and Disease Prevention
KNES 466 Graded Exercise Testing
KNES 467 Genetics in Physical Activity & Sport
KNES 480 Measurement in Physical Activity
KNES 498* Advanced Applied Physiology
KNES 498* Advanced Motor Development
KNES 498* Applied Assessment for Kinesiology
KNES 498* Developmental Motor Learning
KNES 498* Exercise and Aging
**Physician (chiropractic, allopathic, osteopathic, podiatry)**

- KNES 389G Fitness Assessment & Exercise Prescription
- KNES 402 Biomechanics of Sport
- KNES 442 Psychology of Exercise and Health
- KNES 455 Scientific Bases of Athletic Conditioning
- KNES 461 Exercise and Body Composition
- KNES 462 Neural Bases of Movement
- KNES 464 Exercise and Metabolism
- KNES 465 Exercise and Disease Prevention
- KNES 466 Graded Exercise Testing
- KNES 467 Genetics in Physical Activity & Sport
- KNES 480 Measurement in Physical Activity
- KNES 498* Advanced Applied Physiology
- KNES 498* Exercise and Aging
- KNES 498* Movement Disorders: Theory and Practice
- KNES 498* Principles and Applications of Exercise Rehabilitation

**Physician Assistant**

- KNES 389G Fitness Assessment & Exercise Prescription
- KNES 402 Biomechanics of Sport
- KNES 442 Psychology of Exercise and Health
- KNES 455 Scientific Bases of Athletic Conditioning
- KNES 461 Exercise and Body Composition
- KNES 462 Neural Bases of Movement
- KNES 464 Exercise and Metabolism
- KNES 465 Exercise and Disease Prevention
- KNES 466 Graded Exercise Testing
- KNES 467 Genetics in Physical Activity & Sport
- KNES 480 Measurement in Physical Activity
- KNES 498* Advanced Applied Physiology
- KNES 498* Exercise and Aging
- KNES 498* Movement Disorders: Theory and Practice
- KNES 498* Principles and Applications of Exercise Rehabilitation

**Nursing**

- KNES 333 Physical Activity for Students with Special Needs
- KNES 389G Fitness Assessment & Exercise Prescription
- KNES 442 Psychology of Exercise and Health
- KNES 455 Scientific Bases of Athletic Conditioning
- KNES 461 Exercise and Body Composition
- KNES 462 Neural Bases of Movement
- KNES 464 Exercise and Metabolism
- KNES 465 Exercise and Disease Prevention
- KNES 466 Graded Exercise Testing
- KNES 467 Genetics in Physical Activity & Sport
- KNES 480 Measurement in Physical Activity
- KNES 498* Advanced Applied Physiology
Occupational therapy
KNES 333 Physical Activity for Students with Special Needs
KNES 389G Fitness Assessment & Exercise Prescription
KNES 402 Biomechanics of Sport
KNES 442 Psychology of Exercise and Health
KNES 455 Scientific Bases of Athletic Conditioning
KNES 461 Exercise and Body Composition
KNES 462 Neural Bases of Movement
KNES 464 Exercise and Metabolism
KNES 465 Exercise and Disease Prevention
KNES 466 Graded Exercise Testing
KNES 467 Genetics in Physical Activity & Sport
KNES 480 Measurement in Physical Activity
KNES 498* Advanced Applied Physiology
KNES 498* Advanced Motor Development
KNES 498* Developmental Motor Learning
KNES 498* Exercise and Aging
KNES 498* Kinesiology in the Workplace
KNES 498* Movement Disorders: Theory and Practice
KNES 498* Neural Control of Visual Motor Learning & Control
KNES 498* Principles and Applications of Exercise Rehabilitation

Cardiac/Pulmonary rehabilitation; Cardiopulmonary pump technol.
KNES 333 Physical Activity for Students with Special Needs
KNES 389G Fitness Assessment & Exercise Prescription
KNES 442 Psychology of Exercise and Health
KNES 455 Scientific Bases of Athletic Conditioning
KNES 461 Exercise and Body Composition
KNES 462 Neural Bases of Movement
KNES 464 Exercise and Metabolism
KNES 465 Exercise and Disease Prevention
KNES 466 Graded Exercise Testing
KNES 467 Genetics in Physical Activity & Sport
KNES 480 Measurement in Physical Activity
KNES 498* Advanced Applied Physiology
KNES 498* Exercise and Aging
KNES 498* Principles and Applications of Exercise Rehabilitation

Pharmaceutical /medical device sales
KNES 389G Fitness Assessment & Exercise Prescription
KNES 442 Psychology of Exercise and Health
KNES 455 Scientific Bases of Athletic Conditioning
KNES 461 Exercise and Body Composition
KNES 464 Exercise and Metabolism
KNES 465 Exercise and Disease Prevention
KNES 466 Graded Exercise Testing
KNES 467 Genetics in Physical Activity & Sport
KNES 498* Advanced Applied Physiology
KNES 498* Exercise and Aging
KNES 498* Principles and Applications of Exercise Rehabilitation

**Occupational biomechanics/ergonomics**
KNES 389G Fitness Assessment & Exercise Prescription
KNES 402 Biomechanics of Sport
KNES 455 Scientific Bases of Athletic Conditioning
KNES 461 Exercise and Body Composition
KNES 462 Neural Bases of Movement
KNES 466 Graded Exercise Testing
KNES 480 Measurement in Physical Activity
KNES 498* Applied Assessment for Kinesiology
KNES 498* Exercise and Aging
KNES 498* Kinesiology in the Workplace
KNES 498* Movement Disorders: Theory and Practice
KNES 498* Principles and Applications of Exercise Rehabilitation

**Prosthetics/Orthotics**
KNES 389G Fitness Assessment & Exercise Prescription
KNES 402 Biomechanics of Sport
KNES 455 Scientific Bases of Athletic Conditioning
KNES 461 Exercise and Body Composition
KNES 462 Neural Bases of Movement
KNES 466 Graded Exercise Testing
KNES 480 Measurement in Physical Activity
KNES 498* Applied Assessment for Kinesiology
KNES 498* Exercise and Aging
KNES 498* Kinesiology in the Workplace
KNES 498* Movement Disorders: Theory and Practice
KNES 498* Principles and Applications of Exercise Rehabilitation
Physical Education

Relevant Links:
American Alliance for Health, Physical Education, Recreation and Dance: www.aapherd.org
Maryland State Department of Education www.marylandpublicschools.org/MSDE/
National Association for Sport and Physical Education: http://www.aahperd.org/naspe/
National Council for Accreditation of Teacher Education (NCATE) www.ncate.org/
www.PEcentral.org

*Kinesiology students interested in becoming certified physical education teachers should visit the Master Certification Program webpage where more complete information is available: http://sph.umd.edu/KNES/ugrad/pemajor.html

Certified teacher of physical education/adapted P.E.
KNES333 Physical Activity for Students with Special Needs
KNES 389G Fitness Assessment & Exercise Prescription
KNES 402 Biomechanics of Sport
KNES 440 Psychology of Athletic Performance
KNES 451 Children and Sport
KNES 455 Scientific Bases of Athletic Conditioning
KNES 457 Managing Youth Programs
KNES 461 Exercise and Body Composition
KNES 464 Exercise and Metabolism
KNES 465 Exercise and Disease Prevention
KNES 467 Genetics in Physical Activity & Sport
KNES 480 Measurement in Physical Activity
KNES 491 The Curriculum in Physical Education
KNES 498* Advanced Motor Development
KNES 498* Applied Assessment for Kinesiology
KNES 498* Developmental Motor Learning
KNES 498* Principles & Methods of Physical Activity Interventions
Recreation Careers

Relevant Links:
American Alliance for Health, Physical Education, Recreation and Dance: www.aapherd.org
The ACSM Degree Guide: http://acsm.hpcareer.net/index.jsp
National Park and Recreation Association: www.nrpa.org/, careercenter.nrpa.org/

Recreation leadership (e.g. Parks & Recreation management)
KNES333 Physical Activity for Students with Special Needs
KNES 386 Experiential Learning
KNES 389G Fitness Assessment & Exercise Prescription
KNES 440 Psychology of Athletic Performance
KNES 442 Psychology of Exercise and Health
KNES 451 Children and Sport
KNES 455 Scientific Bases of Athletic Conditioning
KNES 457 Managing Youth Programs
KNES 461 Exercise and Body Composition
KNES 464 Exercise and Metabolism
KNES 465 Exercise and Disease Prevention
KNES 467 Genetics in Physical Activity & Sport
KNES 480 Measurement in Physical Activity
KNES 498* Exercise and Aging
KNES 498* Principles & Methods of Physical Activity Interventions

Youth sport leadership
KNES333 Physical Activity for Students with Special Needs
KNES 386 Experiential Learning
KNES 389G Fitness Assessment & Exercise Prescription
KNES 402 Biomechanics of Sport
KNES 440 Psychology of Athletic Performance
KNES 442 Psychology of Exercise and Health
KNES 451 Children and Sport
KNES 455 Scientific Bases of Athletic Conditioning
KNES 457 Managing Youth Programs
KNES 461 Exercise and Body Composition
KNES 465 Exercise and Disease Prevention
KNES 467 Genetics in Physical Activity & Sport
KNES 480 Measurement in Physical Activity
KNES 484 Sporting Hollywood
KNES 487 Women, Sports and Culture,
KNES 498* Advanced Motor Development
KNES 498* Principles & Methods of Physical Activity Interventions

Sport tourism
KNES 398A Sports, Commerce, and Culture in the Global Marketplace
KNES 485 Sport and Globalization
KNES 498* Basketball and Black Masculinity
KNES 498* Sport and the Civil Rights Movement
**Adapted physical education/sport**

- KNES333 Physical Activity for Students with Special Needs
- KNES 389G Fitness Assessment & Exercise Prescription
- KNES 402 Biomechanics of Sport
- KNES 451 Children and Sport
- KNES 457 Managing Youth Programs
- KNES 461 Exercise and Body Composition
- KNES 462 Neural Bases of Movement
- KNES 480 Measurement in Physical Activity
- KNES 498* Advanced Motor Development
- KNES 498* Developmental Motor Learning
- KNES 498* Movement Disorders: Theory and Practice
- KNES 498* Neural Control of Visual Motor Learning & Control
**Sport Careers**

**Relevant links:**
American Alliance for Health, Physical Education, Recreation and Dance: [www.aapherd.org](http://www.aapherd.org)
The American College of Sports Medicine (ACSM) [www.acsm.org](http://www.acsm.org)
The ACSM Degree Guide: [http://acsm.hpcareer.net/index.jsp](http://acsm.hpcareer.net/index.jsp)
National Association for Girls and Women in Sport: [www.aahperd.org/nagws](http://www.aahperd.org/nagws)

**Coaching (sport)**

KNES333 Physical Activity for Students with Special Needs
KNES 402 Biomechanics of Sport
KNES 440 Psychology of Athletic Performance
KNES 442 Psychology of Exercise and Health
KNES 451 Children and Sport
KNES 455 Scientific Bases of Athletic Conditioning
KNES 461 Exercise and Body Composition
KNES 464 Exercise and Metabolism
KNES 465 Exercise and Disease Prevention
KNES 467 Genetics in Physical Activity & Sport
KNES 480 Measurement in Physical Activity
KNES 484 Sporting Hollywood
KNES 487 Women, Sports and Culture
KNES 498* Advanced Applied Physiology
KNES 498* Advanced Motor Development
KNES 498* Applied Assessment for Kinesiology
KNES 498* Basketball and Black Masculinity
KNES 498* Developmental Motor Learning
KNES 498* Exercise and Aging
KNES 498* Principles and Applications of Exercise Rehabilitation
KNES 498* Sport and the Civil Rights Movement

**Strength & Conditioning coach**

KNES 402 Biomechanics of Sport
KNES 440 Psychology of Athletic Performance
KNES 442 Psychology of Exercise and Health
KNES 455 Scientific Bases of Athletic Conditioning
KNES 461 Exercise and Body Composition
KNES 464 Exercise and Metabolism
KNES 465 Exercise and Disease Prevention
KNES 467 Genetics in Physical Activity & Sport
KNES 480 Measurement in Physical Activity
KNES 498* Advanced Applied Physiology
KNES 498* Applied Assessment for Kinesiology
KNES 498* Principles and Applications of Exercise Rehabilitation
Sports Management/ Sporting industry
KNES 355 Sport Management
KNES 398A Sport, Commerce, and Culture in the Global Marketplace
KNES 389G Fitness Assessment & Exercise Prescription
KNES 402 Biomechanics of Sport
KNES 455 Scientific Bases of Athletic Conditioning
KNES 457 Managing Youth Programs
KNES 483 Sport Marketing and Media
KNES 485 Sport and Globalization
KNES 498* Basketball and Black Masculinity
KNES 498* Sport and the Civil Rights Movement

Sport facility managers
KNES 355 Sport Management
KNES 389G Fitness Assessment & Exercise Prescription
KNES 455 Scientific Bases of Athletic Conditioning
KNES 457 Managing Youth Programs
KNES 483 Sport Marketing and Media

Sports/Sporting Goods Research
KNES 398A Sport, Commerce, and Culture in the Global Marketplace
KNES 402 Biomechanics of Sport
KNES 480 Measurement in Physical Activity
KNES 485 Sport and Globalization
KNES 498* Basketball and Black Masculinity
KNES 498* Sport and the Civil Rights Movement

Sport marketing
KNES 355 Sport Management
KNES 398A Sport, Commerce, and Culture in the Global Marketplace
KNES 483 Sport Marketing and Media
KNES 484 Sporting Hollywood
KNES 485 Sport and Globalization
KNES 487 Women, Sports and Culture
KNES 498* Applied Assessment for Kinesiology
KNES 498* Basketball and Black Masculinity
KNES 498* Sport and the Civil Rights Movement

Sports communication/journalism
KNES 355 Sport Management
KNES 398A Sport, Commerce, and Culture in the Global Marketplace
KNES 461 Exercise and Body Composition
KNES 467 Genetics in Physical Activity & Sport
KNES 483 Sport Marketing and Media
KNES 484 Sporting Hollywood
KNES 485 Sport and Globalization
KNES 487 Women, Sports and Culture
KNES 498* Basketball and Black Masculinity
KNES 498* Sport and the Civil Rights Movement
Teaching: other than Physical Education

Relevant Links:
American Alliance for Health, Physical Education, Recreation and Dance: www.aapherd.org
American Association for Health Education: www.aahperd.org/aahe/
Health Promotion careers: www.hpcareer.net
Maryland State Department of Education www.marylandpublicschools.org/MSDE/
National Commission For Health Ed Credentialing: www.nchec.org
National Council for Accreditation of Teacher Education (NCATE) www.ncate.org/

Certified teacher of health education
KNES 389G Fitness Assessment & Exercise Prescription
KNES 440 Psychology of Athletic Performance
KNES 442 Psychology of Exercise and Health
KNES 455 Scientific Bases of Athletic Conditioning
KNES 461 Exercise and Body Composition
KNES 464 Exercise and Metabolism
KNES 465 Exercise and Disease Prevention
KNES 467 Genetics in Physical Activity & Sport
KNES 498* Advanced Applied Physiology
KNES 498* Applied Assessment for Kinesiology
KNES 498* Exercise and Aging
KNES 498* Principles and Applications of Exercise Rehabilitation

Certified teacher of “science” courses (e.g., biology)
KNES 389G Fitness Assessment & Exercise Prescription
KNES 440 Psychology of Athletic Performance
KNES 442 Psychology of Exercise and Health
KNES 455 Scientific Bases of Athletic Conditioning
KNES 461 Exercise and Body Composition
KNES 464 Exercise and Metabolism
KNES 465 Exercise and Disease Prevention
KNES 467 Genetics in Physical Activity & Sport
KNES 480 Measurement in Physical Activity
KNES 498* Advanced Applied Physiology
KNES 498* Applied Assessment for Kinesiology
KNES 498* Exercise and Aging
KNES 498* Principles and Applications of Exercise Rehabilitation

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