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Waco Convention Center
Waco, Texas

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MAYBORN COLLEGE OF
HEALTH SCIENCES

UNIVERSITY OF MARY HARDIN-BAYLOR

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HEALTH AND KINESIOLOGY



COLLEGE OF EDUCATION & HUMAN DEVELOPMENT

LAMAR UNIVERSITY

Department of Health & Kinesiology



MAYBORN COLLEGE OF HEALTH SCIENCES

UNIVERSITY OF MARY HARDIN-BAYLOR

The Mayborn College of Health Sciences offers multiple on campus graduate programs to prepare graduates for careers in healthcare. These on campus programs offer students state-of-the-art facilities to prepare for leadership, service and faith-informed discernment in their workplace.

- Master of Arts in Counseling – 60 credit hours; accredited by CACREP
- Master of Science in Anesthesiologist Assistant - 124 credit hours; seeking accreditation
- Master of Science in Exercise Physiology – 30 credit hours
- Master of Science in Occupational Therapy – 80 credit hours; accredited by ACOTE
- Master of Science in Physician Assistant – 120 credit hours; accredited by ARC-PA
- Doctor of Physical Therapy – 107 credit hours; accredited by CAPTE
- Doctor of Occupational Therapy - slated to begin January 2026 (see website for more details and full accreditation statement)

ON CAMPUS GRADUATE PROGRAM HIGHLIGHTS

DOCTOR OF PHYSICAL THERAPY

The UMHB Doctor of Physical Therapy (DPT) program aspires to be recognized as the program of choice for individuals seeking to become competent, effective and ethical physical therapy practitioners with a foundation based in Christian principles and values. Under the guidance of dedicated faculty, students will develop the knowledge and skills needed to be a vital part of interdisciplinary healthcare teams and serve in leadership roles within the physical therapy profession.

Faculty are dedicated to providing mentoring, personalized attention, and the instruction you need to succeed. Throughout the 28 month (7 semester) program, students gradually build and expand your knowledge of foundational and clinical sciences while developing competency in physical therapy clinical skills. The atmosphere is collaborative and enhances the learning experiences in a variety of settings.

Academic and admission requirements are listed on the UMHB DPT website in detail. Applications open on PTCAS every June and close on February 15th the following year for the upcoming cohort.

MASTER OF SCIENCE IN EXERCISE PHYSIOLOGY

The Master of Science in Exercise Physiology program prepares students for careers in the field of Exercise Physiology. Students are prepared for continued pursuit of higher education through doctoral programs or professional certification programs as well as for advanced levels of study for entrance into their careers.

Students are prepared for careers in Exercise Physiology with most students seeking positions as Clinical Exercise Physiologists, Fitness and Wellness Specialists, Corporate Exercise Specialists, Strength & Conditioning Specialists, Fitness/Gym Managers, and Performance Coaches.

Academic requirements are a Bachelor of Science in Exercise Physiology degree or a degree in another related field, a 3.0 GPA for regular admission (lower GPAs may be considered for probationary admission), and completion of an undergraduate Exercise Physiology course (3 credit hours) and Human Anatomy and Physiology course with lab (4 credit hours). Rolling admission is offered with start dates in the Spring, Summer and Fall semesters.

visit our website to learn more about these and other programs offered.

UMHB.EDU/HEALTH-SCIENCES



MAYBORN COLLEGE OF HEALTH SCIENCES

UNIVERSITY OF MARY HARDIN-BAYLOR

The Mayborn College of Health Sciences offers an array of degree programs that prepare students for careers in the ever-changing environment of healthcare. The college is comprised of three schools with a unified purpose to educate students in a rigorous academic setting. The three schools are the School of Exercise and Sport Science, the School of Health Professions, and the Scott & White School of Nursing. The goal of the college is to prepare over 1,300 undergraduate and graduate students to engage in inter-professional relationships in an effort to provide holistic healing of the mind, body, and spirit of their patients.

The graduate programs are comprised of online and on campus programs. Please visit our website for more information on any of these programs. umhb.edu/health-sciences

ONLINE GRADUATE DEGREE PROGRAMS

MASTER OF PUBLIC HEALTH

At UMHB, the MPH is a fully online program tailored to train public health professions to plan, implement, and evaluate effective health promotion programs.

The MPH with a Health Promotion concentration is a 42-credit hour master's level degree plan that also allows students to gain real world experience with an internship at an extramural agency or organization. Upon program completion, students will be able to take the Certified Health Education Specialist (CHES®) exam and the Certified in Public Health (CPH) exam.

MASTER OF SCIENCE IN SPORT ADMINISTRATION

The Master of Science in Sport Administration is a fully online program preparing you for a career in high school or college athletics. This program allows you to work full-time while earning a graduate degree to elevate your career.

You can complete the 30 credit hour degree in one year or progress at a slower pace that better fits your schedule. As an online student, the services and support needed to complete the program are readily available to you. As a graduate of this program you will be prepared to engage in leadership, collaboration, research, and reform initiatives impacting athletics and our educational institutions.

MASTER OF SCIENCE IN NURSING

The **Family Nurse Practitioner** track is a 45-credit hour master's level online degree that requires students to have an active, unencumbered RN license in the State of Texas. With Christian-based principles and evidence-based nursing practices you have the opportunity to improve patient health when you earn an MSN – Family Nurse Practitioner online. As a graduate of this CCNE-accredited program, you will be eligible to sit for the ANCC or AANP Family Nurse Practitioner Board Certification exam.

The **Nurse Educator** track is a 36-credit hour master's level online degree that requires students to have an active, unencumbered RN license in the State of Texas. Learn professional, ethical, moral, legal and spiritual best practices with the MSN – Nursing Education online degree program. You will study healthcare assessments and policies, curriculum development and innovative teaching methods for diverse populations. This CCNE-accredited program prepares you for National League of Nursing (NLN) exams, including the Certified Nurse Educator Exam (CNE) and the Certified Nurse Clinical Educator Exam (CNEcl). Learn from compassionate and supportive faculty invested in your goals and dedicated to guiding you to better serve your community and share knowledge with the next generation of nurses.



M.S. IN KINESIOLOGY HEALTH/EXERCISE SCIENCE

MOVING INTO
YOUR FUTURE

DEPARTMENT OF HEALTH & KINESIOLOGY



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MOVING INTO YOUR FUTURE

The Department of Health and Kinesiology

The Department of Health and Kinesiology offers on-campus coursework leading to the M.S. in Kinesiology with a formal concentration in Health/Exercise Science. This degree is designed for individuals seeking advanced knowledge and training in health and exercise science, including those who are considering education in the health professions or an academic doctorates in the health or exercise science fields. The pursuit of this degree is through a 36-credit hour course-only option, a research project/internship option, or a formal thesis option.

Sample coursework:

- EDKN 5323: Performance in Environmental Extremes
- EDKN 5322: Fitness, Nutrition, and Weight Control
- EDKN 5320: Motor Learning/Motor Control
- EDHL 5318: Cardiovascular Health
- EDHL 5320: Current Issues in Global Health
- EDKN 5325: Aging and Physical Activity
- EDKN 5312: Physiology of Exercise
- EDKN 5317: Research Methods in Kinesiology
- EDKN 5338: Statistical Analysis of Research Data

For more info: www.tamuk.edu/hkn



Contact info:

Daniel J. Burt, Ph.D., *Graduate Coordinator*
Department of Health and Kinesiology
Texas A&M University-Kingsville
(361)593-4580 | daniel.burt@tamuk.edu

The requirements for admission to the program are as follows:

1. Applicants must meet requirements for admission to the College of Graduate Studies, including GPA (2.75 or higher).
2. Demonstrate a high-level of professional and ethical academic conduct.
3. Applicants who have marginal qualifications are encouraged to request letters of recommendation from their undergraduate professors and forward them to the program coordinator.

**Scholarships and Financial Aid are available.*



Scholarships and Financial Aid is available



PHYSICAL THERAPY

A 28 month Doctor of Physical Therapy degree program located at UMHB in Belton, Texas.

ACADEMIC/ADMISSIONS REQUIREMENTS

- Completion of a bachelor’s degree from a regionally accredited institution with a minimum GPA of 3.2 for last 60 hours of Bachelor's/relevant Master's degree; also, the minimum GPA in prerequisite courses is 3.0 (no grades less than a C will be accepted as prerequisites).
- A resume including but not limited to: Educational Preparation, Work Experience, Extracurricular Activities and Community Service (experience in active volunteerism or service learning is desired).
- Three professional references (two of the three references must be from a physical therapist (PT). Physical therapists submitting references should be from the clinical sites where volunteer/observation experience was obtained. Applications will be accepted with only one PT reference (three professional references are still required). The expectation is that a second PT reference will be submitted once the remaining observations hours are completed, and will be submitted by the program start if accepted.
- A minimum of 25 hours of volunteer/observation experience in each of two different physical therapy settings (a total minimum of 50 hours). Applications will be accepted without the minimum 50 hours of observation documented with the expectation that all observation hours will be completed with appropriate documentation by program start if accepted.
- Essay (will be completed at interview location - content to be determined) - Applicants requesting accommodations for the essay should contact the UMHB Counseling, Testing and Health Services Department.

PREREQUISITE REQUIREMENTS

Required Courses	Credit Hours
Anatomy & Physiology I&II with a Lab	8
General Physics I & 2	8
General Chemistry I & II	8
Medical Terminology	1-3
Upper Level Biology (300/3000 level or higher)	3-4
College Algebra or Higher	3
Statistics or Research Methods	3
Developmental or Abnormal Psychology	3
General Psychology	3

**Coursework older than 10 years not accepted for science courses*

***Upper-Level Biological Science course required from 4-year university (usually denoted as a 300/400 or 3000/4000 level course): vertebrate biology courses are preferred. Advanced (3000/4000 level) A&P coursework will also be accepted (ex: Pathophysiology, Neuroanatomy, Neurophysiology, Comparative Anatomy). Syllabus review available upon request.*

APPLICATION PROCESS

- Applicants applying to the UMHB DPT program will apply online using the PTCAS application that opens by mid-June each year. To learn more about PTCAS, visit www.ptcas.org.
- The application deadline is February 15th. Well-qualified applicants will be invited to campus for an interview and completion of a 1-2 page essay. Seats in the upcoming class may be offered after each interview date, and the number of seats available at each interview session is limited.
- Early applications are encouraged. When an offer of admission is extended to an applicant, a \$500 non-refundable deposit is required by January 15th or any future date noted in the acceptance email in order to formally accept a seat in the program.

APPLICATION SUMMARY

**PROGRAM START
AUGUST**

ACCREDITATION:

The Doctor of Physical Therapy Program at University of Mary Hardin-Baylor is accredited by the Commission on Accreditation in Physical Therapy Education

TIMELINES:

Application opens by mid-June each year and closes in February

APPLY THROUGH PTCAS

Begin the online application process through www.ptcas.org

REQUIRED TESTS:

The GRE is not required or considered for UMHB DPT applicants

TRANSCRIPTS:

Official transcripts sent to PTCAS.

CONTACT US:

Teresa Kennedy
tkennedy@umhb.edu
(254) 295-4940

Visit Our Website, Facebook and Instagram:

www.umhb.edu/dpt
www.facebook.com/umhbdpt
[@UMHB_DPT_PROGRAM](https://www.instagram.com/UMHB_DPT_PROGRAM)

DPT PROGRAM OVERVIEW

The UMHB Doctor of Physical Therapy (DPT) program aspires to be recognized as the program of choice for individuals seeking to become competent, effective and ethical physical therapy practitioners with a foundation based in Christian principles and values. Under the guidance of dedicated faculty, students will develop the knowledge and skills needed to be a vital part of interdisciplinary healthcare teams and serve in leadership roles within the physical therapy profession. Faculty are dedicated to providing mentoring, personalized attention, and the instruction you need to succeed. Throughout the 28 month (7 semester) program, students gradually build and expand their knowledge of foundational and clinical sciences while developing competency in physical therapy clinical skills. The atmosphere is collaborative and enhances the learning experiences in a variety of settings.

CURRICULUM

1st YEAR COURSES	CREDIT HOURS	2nd YEAR COURSES	CREDIT HOURS
Human Anatomy I	5	Neuromuscular Rehab I	4
Functional Anatomy	3	Musculoskeletal Rehab II	4
Applied Physiology I	3	Cardiopulmonary Patient Management	3
Foundational Patient Assessment	2	Geriatric Physical Therapy	2
Foundational Patient Management	2	Issues in Underserved Communities	1
Documentation of Patient Care	1	Research Methods I	1
Human Anatomy II	2	Integrated Clinical Development III	0
Therapeutic Interventions	4	Management of Special Populations	3
Applied Physiology II	4	Neuromuscular Rehab II	3
Introduction to Professional Practice	2	Differential Diagnosis and Clinical Reasoning	2
Neuroanatomy	2	Pediatric Physical Therapy	2
Clinical Neuroscience	2	Practice Management	3
History and Systems Screening	2	Research Methods II	1
Psychosocial Considerations	2	Professional Experience I	6
Integrated Clinical Development I	0	Professional Experience II	8
Musculoskeletal Rehab I	3	Wellness and Health Promotion	1
Wound Management and Therapeutic Modalities	3	Special Topics	2
Development of Human Movement	2	Professional Experience III (3rd Year)	9
Medical Diagnostics and Pharmacology	3	Professional Seminar (3rd Year)	1
Inpatient Physical Therapy Practice	2		
Evidence-Based PT Practice	1		
Integrated Clinical Development II	0		

UMHB DPT PROGRAM FACILITIES

The DPT program is located on the campus of the University of Mary Hardin-Baylor in Hardy Hall. Hardy Hall was renovated in 2015 to accommodate the needs of the DPT program and to develop classrooms, labs, and office space to house the program. All DPT courses are taught in Hardy Hall except the Human Anatomy labs. Those labs are taught on the Baylor Scott & White campus in Temple in the Baylor College of Medicine cadaver lab. Additionally, the Clinical Simulation Learning Center, housed in the Isabelle Rutherford Meyer Nursing Education Center, serves as a state-of-the-art resource especially when focused on the hospital setting of care.

ACCREDITATION

The Doctor of Physical Therapy Program at University of Mary Hardin-Baylor is accredited by the Commission on Accreditation in Physical Therapy Education (CAPTE), 3030 Potomac Ave. Suite 100, Alexandria, VA, 22305-3085; telephone: (703) 706-3245; email: accreditation@apta.org; website: <http://www.capteonline.org>. If needing to contact the program/institution directly, please call (254) 295-4940 or email ktrammell@umhb.edu.

COLLEGE OF EDUCATION & HUMAN DEVELOPMENT DEPARTMENT OF HEALTH & KINESIOLOGY



YOUR FUTURE

The Department of Health & Kinesiology in the College of Education and Human Development is home to more than 400 students. We offer six degree programs, four at the undergraduate level and two at the graduate level. You may choose a variety of course delivery methods to meet your busy schedule: face to face, online and hybrid. Our goal is to provide a positive, encouraging and challenging educational experience to prepare you for a career in your chosen field, which promotes lifetime fitness, health and wellness, and physical activity. Our curriculum incorporates current theories, practices and the most effective research and services.

As a graduate, you will be well on your way to being an effective leader in your chosen field. The Bureau of Labor Statistics projects an upward trend in available jobs during the next 10 years. Median salaries range from \$54,000 to \$66,000 for a bachelor's degree in Health & Kinesiology.

DEGREES & PROGRAMS

Undergraduate Majors

- B.S. Exercise Science
- B.S. Physical Education Teacher Education
 - Non-Certification Coaching Concentration
 - Teacher Certification Concentration
- B.S. Public Health – Healthcare Administration
- B.S. Sports and Recreational Management

Undergraduate Minors

- Coaching
- Public Health in Healthcare Administration
- Physical Education Teacher Education

Graduate Degrees

- M.S. Master of Public Health
- M.S. Kinesiology

Pre-Professional Studies

- Athletic Training
- Chiropractor
- Physical Therapy
- Occupational Therapy
- Physician Assistant
- Medical School
- Law School

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I'M READY TO APPLY. WHAT'S NEXT?

You've made a great choice.
You can easily apply by visiting

LAMAR.EDU/ADMISSIONS.



CLASSES OFFERED

- Biomechanics
- Exercise Physiology
- Neuromuscular Physiology
- Strength & Conditioning
- Electrocardiography
- Motor Development
- Inclusive & Adaptive Physical Education
- Care & Prevention of Injuries
- Public Health Program Planning
- Epidemiology
- Legal Issues in Sport Recreation
- Sport & Recreation Facility Planning

CAREER PATHS

- Strength & Conditioning Coach
- Exercise Physiologist
- Physical Therapist
- Occupational Therapist
- Athletic Trainer
- Chiropractor
- Sport Coach
- Physical Education Teacher (EC-12)
- Certified Health Education Specialist
- Epidemiologist
- Director of Fitness Facility or Youth Sports
- Sport Marketing
- Athletic Director

TAKE YOUR LU EXPERIENCE TO THE NEXT LEVEL!

- Get Involved by joining student orgs, like the **Pre-Physical and Occupational Therapy Club (POTC)**.
- Apply for Scholarships, such as the **Coach Jon Payton Scholarship**, which is specific to the Department of Health & Kinesiology.

CONTACT US

Department of Health & Kinesiology

Email: H-K@lamar.edu
Phone: (409) 880-8724

lamar.edu/education



COLLEGE OF EDUCATION & HUMAN DEVELOPMENT

LAMAR UNIVERSITY

Department of Health & Kinesiology

ANESTHESIOLOGIST ASSISTANT

A 28 month Master of Science in Anesthesiologist Assistant degree program location at UMHB in Belton, Texas.

ACADEMIC REQUIREMENTS

- Completion of a bachelor's degree from a U.S. regionally accredited college or university.
- An overall, science, prerequisite, and last 60 hours GPA of 3.0 on a 4.0 scale as calculated on the CASAA application at the time of submission. The science GPA includes all college science courses taken at regionally accredited institutions.
- All prerequisite courses must be completed by August 31st during the year prior to matriculation. Advanced Placement (AP), International Baccalaureate high school courses, and College Level Examination Program (CLEP) credit will not be accepted for any prerequisite courses. All prerequisite courses must be less than 7 years old at time of application unless waived based on MCAT score greater than 500. This only waives the time limit on prerequisite course completion but does not waive completion of the courses.

PREREQUISITE REQUIREMENTS

Required Courses	Credit Hours
Biology I & II with Lab	8
Biochemistry	3
General Chemistry with a Lab	8
Organic Chemistry I with a Lab	4
Human Anatomy with a Lab	4
Human Physiology with a Lab <i>or</i>	4
<i>Human Anatomy and Physiology with a Lab</i>	8
Physics I & II with Lab	8
Calculus	3

HIGHLY RECOMMENDED COURSES

	Credit Hours
Organic Chemistry II with Lab	4
Cellular or Molecular Biology with Lab (<i>or high level Biology</i>)	4
Psychology	3
Genetics, Molecular Genetics or Molecular Biology	3
Immunology	3
Advanced Chemistry (e.g. Physical Chemistry)	3

ADMISSIONS REQUIREMENTS

- Submit all application materials to the Central Application Service for Anesthesiologist Assistants (CASAA) casaa.cas.myliaison.com, including official transcripts, three professional letters of recommendation, and required essays.
- A minimum of eight hours of Operating Room (OR) observation with an anesthesia professional (MD, DO, CAA or CRNA)

APPLICATION SUMMARY

**PROGRAM START
JANUARY**

TIMELINES:

Application opens in March each year
Deadline: Verified by September 1,
11:59 PM each year

APPLY THROUGH CASAA:

Begin the online application process
through casaa.cas.myliaison.com

REQUIRED TESTS:

The MCAT or GRE is required within
three years of application

TRANSCRIPTS:

Official transcripts sent to CASAA.

CONTACT US:

aaprogram@umhb.edu
(254) 295-4872

VISIT OUR WEBSITE:

[https://www.umhb.edu/graduate/
anesthesiologist-assistant/home](https://www.umhb.edu/graduate/anesthesiologist-assistant/home)

AA PROGRAM OVERVIEW

The UMHB MSAA program consists of 28 months of graduate curriculum resulting in a Master of Science in Anesthesiologist Assistant degree. The first year of the UMHB MSAA program emphasizes didactic coursework, simulated practice for foundational skill development, case-based and crisis management training, and a stepwise progression toward direct patient care and hands-on clinical experience. During the second and third year of matriculation, students are expected to increase time spent in clinical education. A student should experience primarily didactic and simulated learning early in matriculation which will progressively lead to full-time clinical education with periodic didactic and simulation coursework.

CURRICULUM

COURSE NAME	CREDIT HOURS	COURSE NAME	CREDIT HOURS
Foundations of Anesthesia	3	Anesthesia Clinical Experience III	6
Human Anatomy I	3	Anesthesia Clinical Experience IV	6
Human Physiology I	2	Physiological Model-based Simulation III	2
Pharmacotherapeutics I	2	Anesthesia Clinical Correlation II	2
Principles of Monitoring and Instrumentation I	2	Anesthesia and Co-Existing Disease II	2
Orientation to Clinical Experience	1	Clinical Decision Making in Anesthesia II	1
Introduction to Physiological Model Base Simulation	1	Anesthesia Clinical Experience V	9
Airway Anatomy & Instrumentation	2	Anesthesia Clinical Correlation III	2
Applied Anesthesia Physics	2	Evidence-Based Medicine & Research in Anesthesia I	1
Anesthesia Clinical Experience I	2	Clinical Decision Making in Anesthesia III	1
Physiologic Model-based Simulation I	2	Anesthesia Clinical Experience VI	6
Human Anatomy II	3	Anesthesia Clinical Experience VII	6
Human Physiology II	2	Anesthesia Clinical Correlation IV	2
Pharmacotherapeutics II	2	Evidence-Based Medicine & Research in Anesthesia II	5
Principles of Monitoring and Instrumentation II	2	Principles of Anesthesia Safety & Science I	2
Cardiac Electrophysiology	2	Anesthesia Clinical Experience VIII	6
Anesthesia Clinical Experience II	3	Anesthesia Clinical Experience IX	6
Physiological Model-based Simulation II	3	Anesthesia Clinical Correlation V	2
Anesthesia Clinical Correlation I	2	Evidence-Based Medicine & Research in Anesthesia III	5
Pharmacotherapeutics III	2	Principles of Anesthesia Safety & Science II	2
Anesthesia and Co-Existing Disease I	2		
Medical Ethics, Law, Diversity and Practice for AAs	1		
Clinical Decision Making in Anesthesia I	1		
Anesthesia Non-Technical Skills	2		

MSAA CURRICULUM

The UMHB MSAA curriculum is based on ARC-AA/CAAHEP accreditation standards consisting of cognitive (knowledge), psychomotor (skills), and affective (behavior) domains. To address this, the curriculum follows other traditional Anesthesiologist Assistant educational program designs and consists of didactic (classroom), simulation (laboratory & objective skill examinations), and clinical education (preceptor-based evaluations of direct patient care) approaches. Curriculum is subject to change.

MSAA PROGRAM FACILITIES

The Anesthesiologist Assistant program is located on the campus of the University of Mary Hardin-Baylor. Student training will take place in the Isabelle Rutherford Meyer Nursing Education Center (IRMNEC) and clinical sites throughout Texas. The IRMNEC is comprised of state-of-the-art classrooms, clinical labs, and the Clinical Simulation Learning Center (CSLC). The CSLC is approximately 20,000 square feet and includes two large skills labs, a physical diagnosis lab, a standardized patient clinical space, and a simulation hospital. All labs and simulation centers are equipped with video cameras where students can record and evaluate their performance with professors and peers.

MASTER'S DEGREE ANESTHESIOLOGIST ASSISTANT PROGRAM ACCREDITATION STATUS

The UMHB program is in the accreditation process and expects approval in 2026, prior to students beginning matriculation.

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TEXAS TECH UNIVERSITY

Department of Kinesiology
& Sport Management™



MASTER OF SCIENCE IN KINESIOLOGY



About Us

We prepare students through education, innovation and research to be leaders equipped to advance knowledge in their chosen field. The Master of Science degree program in Kinesiology offers students a unique curriculum across three concentrations of study to provide students with a focused educational experience.



Motor Behavior and Exercise and Sport Psychology

Designed for students interested in advanced study within sport psychology or motor behavior.



Human Performance

Designed to prepare students for careers specializing in maximizing health and physical performance.



Exercise Physiology

Designed for students interested in pursuing careers in allied health or obtain a Ph.D. in exercise physiology.



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M.S. IN KINESIOLOGY PERFORMANCE PSYCHOLOGY

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DEPARTMENT OF HEALTH & KINESIOLOGY



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The Department of Health and Kinesiology

The Department of Health and Kinesiology offers coursework leading to the M.S. in Kinesiology with a formal concentration in Performance Psychology. The Performance Psychology concentration is designed to prepare the graduate student to pursue a Certified Mental Performance Consultant (CMPC) credential through the Association for Applied Sport Psychology (AASP).

Sample coursework:

- **EDKN 5319:** Psychological Aspects of Kinesiology
- **EDKN 5320:** Motor Learning/Motor Control
- **EDKN 5333/17:** Psychology of Physical Activity; Interventions and Application
- **PSYC 5333:** Ethics and Legal Issues
- **EDCG 5312:** Counseling Techniques
- **PSYC 5309:** Cognitive Psychology
- **PSYC 5313:** Physiological Psychology
- **EDKN 5317:** Research Methods in Kinesiology
- **EDKN 5338:** Statistical Analysis of Research Data

For more info: www.tamuk.edu/hkn



Contact info:

Daniel J. Burt, Ph.D., *Graduate Coordinator*
Department of Health and Kinesiology
Texas A&M University-Kingsville
(361)593-4580 | daniel.burt@tamuk.edu

The requirements for admission to the program are as follows:

1. Applicants must meet requirements for admission to the College of Graduate Studies, including GPA (2.75 or higher).
2. Demonstrate a high-level of professional and ethical academic conduct.
3. Applicants who have marginal qualifications are encouraged to request letters of recommendation from their undergraduate professors and forward them to the program coordinator.

**Scholarships and Financial Aid are available.*



Scholarships and Financial Aid is available

Mission

The mission of the Department of Health and Human Performance is to create and disseminate knowledge promoting evidence-based practice in health promotion, public health, exercise science and recreation professions. The department aims to be a national leader in promoting human performance and health-related quality of life for all.

The mission of the exercise and sports science program is to nurture students into lifelong learners through effective and innovative teaching, research and service. The program also aims to cultivate graduates into models of healthy behaviors that advance the profession.

Degrees Offered

» M.S. in Exercise Science

Three concentrations:

- » Health and Rehabilitation Sciences Concentration
- » Strength & Conditioning and Sport Coaching Concentration
- » Sport Coaching Concentration (fully online)



hhp.txstate.edu

Department of Health and Human Performance

601 University Dr.
San Marcos, TX 78666-4684
512.245.2561 | essgradco@txstate.edu

“ My time in the exercise science graduate program helped me accomplish more than I ever expected at this point in my life. The faculty supported me entirely while also challenging me to try new things along the way. Without them I would not have found my passion for research. Overall, the graduate program has given me the tools to be successful in my career while exploring different ways to use my knowledge. ”

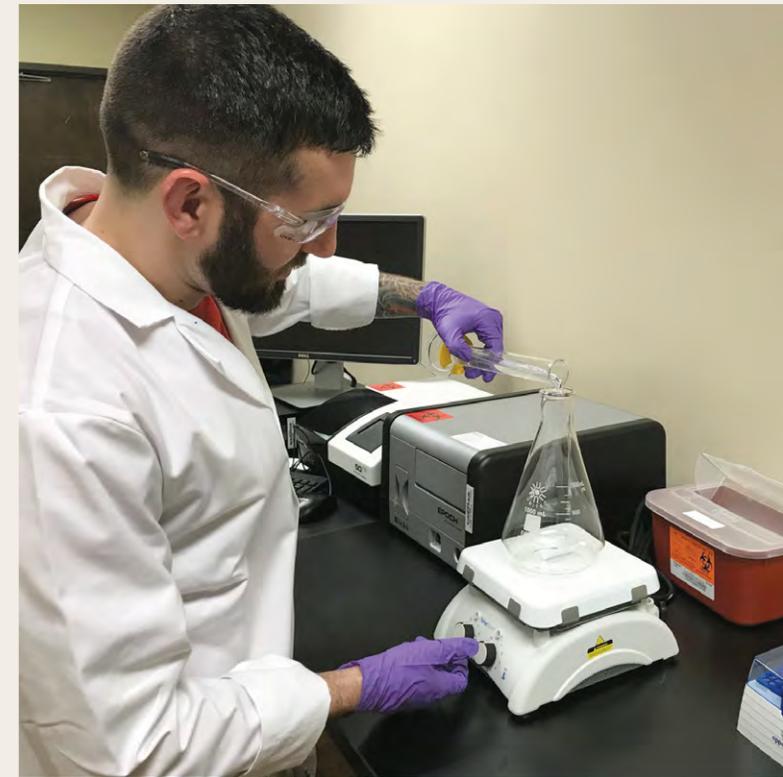
– Morgan Tongish, M.S. '18



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Exercise Science



MASTER OF SCIENCE

Students learn and apply scientific principles, techniques and strategies that enhance physical activity and sport performance.

TEXAS  **STATE**
THE GRADUATE COLLEGE®

gradcollege.txstate.edu

Why choose Texas State?

Members of the graduate faculty are nationally known for their research, teaching and service within the profession. Faculty devote time to student-centered learning in classrooms, laboratories and community settings. Facilities include neuromuscular physiology, cardiovascular physiology, exercise physiology, metabolic and applied physiology, biomechanics/sports medicine, and community engaged scholarship laboratories.

Graduates are successful in obtaining employment in clinical, educational, fitness and sport settings. Many graduates sit for advanced professional certifications, and some choose to pursue doctoral studies.

Course Work

Graduate studies in exercise science and physical education will equip students with knowledge, skills and abilities necessary to address health issues related to physical inactivity and obesity and to enhance human performance using evidence-based principles. Graduates will gain the critical thinking, research and technical skills to understand research-based literature and use innovative approaches to problem solving and gain the competencies to successfully work with children, adolescents, adults and seniors. Students can choose from the thesis or non-thesis options in both exercise science and its concentrations.

Faculty

The exercise and sports science faculty specialize in several academic disciplines within kinesiology, the scientific study of human movement. Faculty conduct research in state-of-the-art laboratories for neuromuscular and exercise physiology, biomechanics and sport medicine, as well as in community and school settings. Collectively the faculty examine critical issues related to both the physiological, psychological, and cognitive components and variables that influence participation in physical activity and sports, and they apply behavior therapy for individuals with disabilities.



Career Options

Graduates with an M.S. in exercise science or an M.Ed. in physical education will be in demand and able to work in all sectors of the workforce, including federal, state and local government health agencies, public schools and universities. Positions include rehabilitation specialists, clinical exercise physiologists, strength, conditioning, and sport coaches, directors of fitness and wellness programs, and physical education teachers.

IMPORTANT DEADLINES*

Admissions

Priority Fall: February 1

Fall: May 15

Spring: October 1

Summer I: January 15

Summer II: No admission

Scholarships, Fellowships and Assistantships

Applications must be complete by the priority deadline to be considered for certain types of funding.

For funding information, visit:
gradcollege.txstate.edu/funding

Learn More.

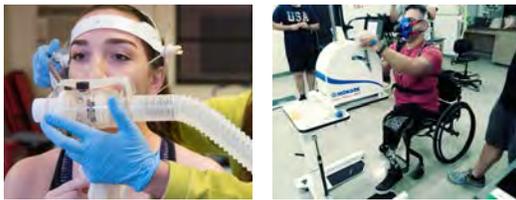
For the most up-to-date information on admission and funding deadlines and requirements, visit:
gradcollege.txstate.edu/programs/exercise-science

*International applicants can view specific deadlines and requirements at:
gradcollege.txstate.edu/international

Be More.

Start your application at:
gradcollege.txstate.edu/admissions

Brochure Information Current as of June 2019



Human Performance Lab

This lab houses equipment including a treadmill, cycle ergometers, 12-lead ECG, Velotron, Parvo Medics metabolic cart, wheelchair treadmill, and Cosmed K5.



Health and Fitness Assessment Lab

This lab is designed to conduct fitness-related assessments that include a Power Cycle, DEXA, BOD POD, Inbody, blood analyzers and Lafayette Muscle Tester.



Muscle Physiology Suite

This lab is designed to measure muscle function (Aurora Lever System and digital microscope) and run biochemical assays for human and animal models.



Biomechanics & Motor Control Lab

This lab is designed to conduct human movement analysis with a high-speed camera (OptiTrack), force plate (AMTI), sensor system (APDM) and EMG.



Exercise and Biochemistry Lab

This lab is designed to support further biochemical analysis for both human and animal samples with microplate reader (Synergy HTX) and centrifuge (CNR-163).



MASTERS OF SCIENCE IN KINESIOLOGY PROGRAM

The Masters of Science in Kinesiology degree allows students to choose from thesis or non-thesis options for degree completion. Depending on the degree plan selected, students may complete up to 12 hours of coursework in a support area. A total of 30-36 hours of graduate coursework is required. The program is designed to help students develop conceptual and theoretical thinking skills and to obtain knowledge, skills and abilities that will prepare them for health- and/or kinesiology-related careers.

Students who are interested in pursuing a doctorate degree, teaching as a lecturer in junior or senior colleges, qualifying for a position and/or advancement in public schools or corporate and clinical settings should consider applying to the program.

KINESIOLOGY CLUB

The Kinesiology Club at Texas A&M University-San Antonio is a student-run organization that provides volunteer, internship and mentorship opportunities. A large focus of the group is to network and have fun; which is done with professional conferences, social activities, and tournament games.



MASTERS OF SCIENCE KINESIOLOGY PROGRAM

The Masters of Science (M.S.) in Kinesiology may be pursued under a 30 credit hour program with thesis or a 36 credit hour program with a research project.



➔ Contact Information

Jongil Lim, Ph.D.
jlim@tamusa.edu

You can submit an application through
<https://gradcas.liaisoncas.org/apply/>

For more information on admission requirements and degree plans, please visit our website at www.tamusa.edu.



Core Courses (nine credit hours)

- Physiology of Exercise
- Research Methods in Kinesiology
- Statistical Analysis of Research Data

Elective Requirements (three to 15 credit hours, depending on the degree plan)

- Sports Coaching and Officiating
- Motor Development
- Sport and Athletic Law
- Administration of Athletics
- Current Issues in Kinesiology Programs
- Seminar in Selected Topics
- Youth Fitness & Performance
- Aging & Physical Activity
- Fitness, Nutrition, and Weight Control
- Exercise Testing and Prescription
- Performance in Environmental Extremes

Research (three to six credit hours, depending on degree plan)

- Graduate research project
or
- Thesis (two semesters)

Support Field Area (zero to 12 credit hours, depending on plan)

- Health
- Biology/Chemistry
- Counseling and Guidance
- Educational Administration
- Management



TEXAS A&M UNIVERSITY
SAN ANTONIO
HEALTH AND KINESIOLOGY



**MAYBORN COLLEGE OF
HEALTH SCIENCES**
UNIVERSITY OF MARY HARDIN-BAYLOR

MASTER OF SCIENCE IN EXERCISE PHYSIOLOGY

A 30 credit hour master's level degree that is comprised of 21 core hours and 9 hours of electives culminating in a capstone experience.

ACADEMIC REQUIREMENTS

- Completion of a bachelor's degree in Exercise Science or related field from a U.S. regionally accredited college or university.
- An overall or last 60 hours GPA of 3.0 on a 4.0 scale
- Completion of two prerequisite courses

PREREQUISITE REQUIREMENTS

Required Courses	Credit Hours
Exercise Physiology	3
Human Anatomy and Physiology with a Lab	4

ADMISSIONS REQUIREMENTS

- Complete the Master of Science in Exercise Physiology application online and submit the \$35 application fee.
- Official transcripts from all institutions attended to be sent to the Mayborn College of Health Sciences Graduate Admissions Office at the address below or by e-transcript to MCHS Admissions Chair, at mwilliams@umhb.edu:

MCHS Admissions
UMHB Box 8402
900 College Street
Belton, TX 76513

- Interview with MSEP Program Director once application file is completed and an invitation is extended.

CONTACT US:
Simone Provenzano
Director, MSEP Program
sprovenzano@umhb.edu
254.295.5514



Website



Facebook



Instagram

APPLICATION SUMMARY

PROGRAM STARTS
JANUARY, JUNE,
AUGUST, DECEMBER

ENDORSEMENT:

The NSCA has endorsed the School of Exercise and Sport Science at UMHB.

TIMELINES:

The application is open and students are accepted on a rolling admission

APPLY THROUGH UMHB:

Begin the online application process through apply.umhb.edu/apply/

REQUIRED TESTS:

The GRE is not required or considered for UMHB MSEP applicants

TRANSCRIPTS:

Official transcripts sent to MCHS Admissions

MSEP PROGRAM OVERVIEW

The Master of Science in Exercise Physiology program prepares students for careers in the field of Exercise Physiology. Students are prepared for continued pursuit of higher education through doctoral programs or professional certification programs as well as for advanced levels of study for entrance into their careers. Students are prepared for careers in Exercise Physiology with most students seeking positions as Clinical Exercise Physiologists, Fitness and Wellness Specialists, Corporate Exercise Specialists, Strength & Conditioning Specialists, Fitness/Gym Managers, and Performance Coaches.

CURRICULUM

COURSE NAME	CREDIT HOURS	COURSE NAME	CREDIT HOURS
Fall Semester Courses		Summer Semester Courses	
▪ Advanced Performance Nutrition	3	▪ Management & Leadership in Sport (elective)	3
▪ Principles & Techniques in Strength and Conditioning	3	▪ Readings, Issues, Trends and Problems in EXSS	3
▪ Advanced Cardiovascular Exercise Physiology	3	▪ Sport Psychology	3
Spring Semester Courses		Winter Semester Courses	
▪ Research Methods	3	▪ Management & Leadership in Sport (elective)	3
▪ Advanced Neuromuscular Exercise Physiology	3	▪ Readings, Issues, Trends and Problems in EXSS	3
▪ Exercise for Disease Prevention and Management (elective)	3	Capstone Experiences	
		▪ Internship (elective)	3
		▪ Thesis for Exercise Physiology (elective)	3-6

UMHB MSEP PROGRAM STRUCTURE

The Master of Science in Exercise Physiology program allows new students to start in the fall, spring or summer semester each year. The courses listed below display what is offered each semester, but most students in the program take between six and nine credits hours per semester (two or three courses). The program director will advise each student and help guide them to the course completion plan that will be the best fit for them as an individual.

HUMAN PERFORMANCE LAB

The Human Performance Lab is a differentiating feature of our program. It was developed to support the research endeavors of the faculty and graduate students and the academic goals of the Exercise & Sport Science Department.

Currently, the HPL is conducting several ongoing internal and externally funded research trials that fall under the HPL mission. In addition, the researchers of the HPL maintain an active agenda for collaborative research with various professionals across the country.



GRADUATE PROGRAMS

M.S. IN SPORT AND HUMAN PERFORMANCE

THESIS AND NON-THESIS OPTIONS

100% online



Dr. Matthew Wagner (Graduate Program Coordinator), MCW002@shsu.edu, 936-294-1163.

M.S. IN SPORT MANAGEMENT

THESIS AND NON-THESIS OPTIONS

Hybrid model, Fall/Spring in The Woodlands, summers online

Dr. Brent Estes (Graduate Program Coordinator), BCE001@SHSU.EDU, 936-294-1159.

M.S. IN DIETETICS

36 credit hour, 17 month—cohort model, August start

Dr. Tabbetha Lopez (Dietetic Internship Director), TDL030@shsu.edu, 936-294-4164.

M.S. IN ATHLETIC TRAINING

6 semester—cohort model, summer start



Dr. Mary Williams (Program Director), MLW049@shsu.edu, 936-294-1172.

1st cohort in 2027
Pending Accreditation**

DPT IN PHYSICAL THERAPY

Coming soon

Dr. Sambit Mohapatra (Program Director), SXM315@shsu.edu, 936-202-5091.

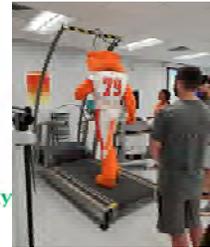
Coming soon

1st cohort in 2027
Pending Accreditation**

M.S. IN PHYSICIAN ASSISTANT

Coming soon

Dr. Wilma Mealer (Program Director), WJM026@shsu.edu, 936-202-5093.



M.S. IN SPORT AND HUMAN PERFORMANCE (SHP)

Quick Facts:

- 100% **Online** coursework
- **Graduate Assistantships** available for research and/or teaching
- Thesis or Non-thesis options
- On-campus and Online learning opportunities
- Complete the program in 4 semesters



Why SHSU?

The **SHSU Sport and Human Performance Center for Research and Testing** is composed of four lab spaces:

- ⇒ Human Performance Testing/Training Lab....
- ⇒ Muscle Physiology Lab
- ⇒ Motor Behavior/Biomechanics Lab
- ⇒ Strength Training Lab



Take a virtual tour of our labs:

<https://youtu.be/-nCkTSgvl4Y>



Graduate Assistantships available for research and/or teaching.

Apply TODAY for Fall 2025/Spring 2026

(<https://shsu.peopleadmin.com/postings/42228>)



FACULTY AND CURRENT RESEARCH

- Dr. Harsh Buddhadev** Gait analysis, neuromuscular adaptations in walking related to aging and aging-associated conditions (e.g., hallux valgus, knee osteoarthritis, etc.), role of exercise for improving gait and function, and biomechanical analysis of cycling.
- Dr. Jennifer Didier** ACL injury prevention in female athletes, attentional effects of multitasking, and virtual reality for learning, and reliability and validity of devices in Exercise Science and Physical Therapy.
- Dr. Mario Munoz** Examining the extent to which health related fitness, skill-related fitness components, self-efficacy toward physical activity, motor coordination and acculturation levels predict physical activity participation and sedentary behaviors in Latino children of Latino sub-groups.
- Dr. Mike Spillane** Certified Strength and Conditioning Specialist, Research areas range from exercise physiology, exercise biochemistry, and sport nutrition and supplementation.
- Dr. Matthew Wagner** Weight training, swimming, exercise for youth and elderly, health and fitness for law enforcement and corrections



For more information, check out our webpage <http://bit.ly/SHSUSHP>

Contact the faculty in SHP.

Dr. Matthew Wagner (Graduate Program Coordinator), Youth Fitness/Law Enforcement Fitness, MCW002@shsu.edu, 936-294-1163.

Dr. Harsh Buddhadev (Biomechanics Lab Director and Graduate Assistant Co-Coordinator), Biomechanics/Motor Behavior, hbb005@shsu.edu, 936-294-2645

Dr. Jennifer Didier (Dept. Chair), Biomech/Motor Learning, Jennifer.Didier@shsu.edu, 936-294-1169

Dr. Mario Munoz, FACSM, MAM325@shsu.edu, 936-294-1398

Dr. Erica Pasquini, (Sport Coaching Program Coordinator), exp043@shsu.edu, 936-294-4034

Dr. Mike Spillane (SHP Lab Director and Graduate Assistant Co-Coordinator), Exercise Physiology, mbs056@SHSU.EDU, 936-294-1183





PUBLIC HEALTH

A 42 credit hour master's level online degree that also includes an internship at an extramural agency or organization.

ACADEMIC REQUIREMENTS

- Completion of a bachelor's degree from a U.S. regionally accredited college or university is required.
- An overall or last 60 hours GPA of 2.75 on a 4.0 scale is required.
- There are no prerequisite courses; however, an undergraduate Statistics course and Anatomy and Physiology course are strongly recommended.
- Submission of a resume is required through the application portal.

INTERNATIONAL APPLICANT REQUIREMENTS

- Completion of the Graduate International Application to the program of study you are interested in. Please note, you do not need to apply through an agency or consultancy. The university will communicate directly with you if you apply on your own.
- Submission of \$135 application fee (must be paid online at the end of the application).
- Upload scanned copies of the additional documents into your application portal once the application is submitted. These documents are noted on the MPH Admissions webpage as well as the International Student Services webpage.

ADMISSIONS REQUIREMENTS

- Complete the Master of Public Health application online and submit the \$35 application fee.
- Official transcripts from all institutions attended to be sent to the Mayborn College of Health Sciences Graduate Admissions Office at the address below or by e-transcript to MCHS Admissions at mchsadmissions@umhb.edu:

MCHS Admissions, 900 College Street
UMHB Box 8402, Belton, TX 76513
- Interview with MPH Program Director once application is completed and an invitation is extended if overall or last 60 hours GPA is below a 3.0.

APPLICATION SUMMARY

PROGRAM START
FALL, SPRING OR SUMMER

ACCREDITATION:

UMHB is currently seeking accreditation as it places higher standards on public health programs, therefore increasing the credibility of the program.

TIMELINES:

The application is open and students are accepted on rolling admission

APPLY THROUGH UMHB:

Begin the online application process through apply.umhb.edu/apply/

REQUIRED TESTS:

The GRE is not required or considered for UMHB MPH applicants

TRANSCRIPTS:

Official transcripts are sent to MCHSAdmissions@umhb.edu

CONTACT US:

publichealth@umhb.edu

Visit Our Website:

www.umhb.edu/mph

MPH PROGRAM OVERVIEW

The Master of Public Health (MPH) with a Health Promotion concentration is a 42-credit hour master's level online degree that also includes an internship at an extramural agency or organization. The MPH degree with a Health Promotion concentration is designed to accommodate graduate students who seek an advanced public health degree to pursue a career as a public health professional. The MPH at UMHB matriculated its first students in the Fall of 2022. The public health courses align with the Council on Education for Public Health (CEPH) criteria, as well as address the certified health education specialist (CHES®) core areas of responsibility, which are defined by the National Commission for Health Education Credentialing, Inc. (NCHEC).

CURRICULUM

COURSE NAME

CREDIT HOURS

Foundations of Public Health & Health Promotion	3
Assessment & Program Planning in Health Promotion	3
Biostatistics	3
Measurement & Evaluation in Health	3
Research Methods	3
Applied Epidemiology	3
Health Systems, Organization & Policy	3
Graduate-Level Elective	3
Leadership Skills for Interprofessional Practice	3
Population Health	3
Reading, Issues, Trends, Problems	3
Advanced Theory in Health Behavior	3
Proposal Writing and Grant Management (Elective)	3
Global Infectious Disease (Elective)	3
Internship in Public Health	3
Capstone in Public Health	2
Seminar in Public Health	1

UMHB MPH PROGRAM OPPORTUNITIES

Health education specialists typically do the following:

- Assess the health needs of the people and communities they serve
- Develop programs, materials, and events to teach people about health topics
- Teach people how to manage existing health conditions
- Evaluate the effectiveness of programs and educational materials
- Help people find health services or information
- Provide training programs for community health workers or other health professionals
- Supervise staff who implement health education programs
- Collect and analyze data to learn about a particular community and improve programs and services
- Advocate for improved health resources and policies that promote health (U.S. Department of Labor, Bureau of Labor Statistics, 2021)

MASTER'S DEGREE PUBLIC HEALTH PROGRAM ACCREDITATION STATUS

The Council on Education for Public Health (CEPH) is recognized by the U.S. Department of Education to accredit public health programs. UMHB is currently seeking accreditation as it places higher standards on public health programs, therefore increasing the credibility of the program. CEPH accreditation, at a minimum, is a three-year process, which can be initiated prior to having at least one graduate from the BSPH and the MPH.

Graduate Programs



Research is a fundamental component of the graduate programs in the Department of Kinesiology, Health Promotion and Recreation (KHPR).



KINESIOLOGY Master of Science

36 total credit hours Thesis and non-thesis options

Students will have numerous opportunities to participate in **innovative research**, with faculty research groups, and utilize state-of-the-art facilities and equipment.

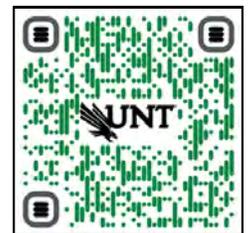


Research with experts in your field of study.

KHPR graduate students are focusing their research on **improving human health**. **Current research areas** include motor behavior, exercise physiology, nutrition, immunology, sport sociology, stress reactivity, behavioral neuroscience, cerebral blood flow regulation, exercise interventions, and health disparities.

Human Performance and Movement Science Ph.D.

Enter with a B.S. or M.S. degree 54 or 90 total credit hours



Graduate Assistantships Available



SCHOOL OF HEALTH
PROMOTION & KINESIOLOGY
TEXAS WOMAN'S UNIVERSITY

M.S. in Kinesiology (Exercise Physiology)

The Master of Science in Kinesiology program, with a concentration in Exercise Physiology, equips students with advanced knowledge and practical skills in human performance, health, and rehabilitation. It prepares them for careers in clinical, research, and fitness settings while fostering a commitment to improving health outcomes through evidence-based practice.

Program Highlights

- Emphasizes practical experience and research opportunities
- Requires coursework in physiology, exercise testing and prescription and nutrition
- Specializes in women's health and wellness
- Provides a supportive environment with faculty dedicated to mentoring and guiding students
- Offered on the Denton campus

Program Requirements

- 33-36 semester credit hours to complete, depending on a thesis or non-thesis option
- Requires three undergraduate prerequisite courses: Anatomy & Physiology, Exercise Physiology, and three hours of upper-level Exercise Science

Contact Information

Jason Torres, Graduate Advisor (jtorres9@twu.edu)
Dan Newmire, Ph.D., CSCS, CISSN (dnewmire@twu.edu)
Rhett Rigby, Ph.D. (brigby@twu.edu)



Career Opportunities

Graduates are equipped to pursue careers in fitness, performance, clinical rehabilitation, or continue to doctoral studies. Common career paths include:

- Clinical exercise physiologist
- Strength and conditioning specialist
- Cardiac rehabilitation specialist
- University professor
- Clinical researcher

APPLICATION DEADLINES
FALL AND SUMMER - MARCH 1
SPRING - JULY 1



SCHOOL OF HEALTH
PROMOTION & KINESIOLOGY
TEXAS WOMAN'S UNIVERSITY

Ph.D. in Kinesiology (Exercise Physiology)

The Doctor of Philosophy (Ph.D.) in Kinesiology with a concentration in Exercise Physiology develops expert researchers and educators, equipping them with the advanced knowledge, research skills, and hands-on experience needed to innovate and lead in fields related to human health and movement, performance, and rehabilitation.

Program Highlights

- A research-intensive program requiring original contributions to the field
- Students gain expertise in physiological response, sports performance, and disease prevention
- Specializes in women's health and wellness
- Prepares graduates for roles in academia, research institutions, and research industries
- Offered on the Denton campus

Program Requirements

- Requires 96 credit hours, including credit hours from graduate-level work and six semester credit hours for the dissertation
- Requires six undergraduate hours in Exercise Physiology
- Minor in an area of research interest such as biology, chemistry, or nutrition



Research Laboratory

Explore research opportunities in the Exercise Physiology & Biochemistry Laboratory

APPLICATION DEADLINES
FALL AND SUMMER - MARCH 1
SPRING - JULY 1

Contact Information

Jason Torres, Graduate Advisor (jtorres9@twu.edu)
Dan Newmire, Ph.D., CSCS, CISSN (dnewmire@twu.edu)
Rhett Rigby, Ph.D. (brigby@twu.edu)

Discover Your Path in Kinesiology at Texas A&M University – Corpus Christi Kinesiology

Are you passionate about the science of movement and physical activity? Do you dream of a career that promotes health, wellness, and athletic performance? Look no further than the Kinesiology Department at Texas A&M–Corpus Christi University!

Our dynamic program offers a diverse range of courses and research opportunities, preparing students for exciting careers in sports medicine, physical therapy, exercise physiology, and beyond. Whether you aspire to work in clinical settings, fitness facilities, or academic institutions, our renowned faculty and state-of-the-art facilities provide the perfect environment to nurture your ambitions.

Why Choose Texas A&M University – Corpus Christi?

- Convenient location in the vibrant coastal city of Corpus Christi
- Small class sizes and personalized attention from faculty
- Access to state-of-the-art facilities and resources
- Networking opportunities with industry professionals and alumni
- Affordable tuition rates and financial aid options available

Discover how you can take the next step towards your career goals in kinesiology and sport management. Meet faculty members, learn about our programs, and explore the beautiful campus of Texas A&M University – Corpus Christi.



Degrees and specializations:

Undergraduate level Kinesiology (BS)

Specializations:

EC-12 Physical Education
Certification

Exercise Science – Strength and
Conditioning

Pre-Allied Health

Sport Management (BS)

Minors in Kinesiology:

EC-12 Physical Education
Certification

Exercise Science

Sport Management

Graduate level (MS)

Athletic Training
Kinesiology



DEPARTMENT OF
KINESIOLOGY

For More Information:
(361)825-6072
kinesiology.tamucc.edu



M.S. IN KINESIOLOGY SPORT MANAGEMENT

MOVING INTO
YOUR FUTURE

DEPARTMENT OF HEALTH & KINESIOLOGY
100% ONLINE



TEXAS A&M
UNIVERSITY
KINGSVILLE®

MOVING INTO YOUR FUTURE

The Department of Health and Kinesiology

The Department of Health and Kinesiology offers online coursework leading to the M.S. in Kinesiology with a formal concentration in Sport Management. The completion of this degree is through a 36-credit hour course-only option. Applicants must meet the requirements for entry into the department's online cohort.

Sample coursework:

- **EDKN 5308:** Administration of Athletics
- **EDKN 5321:** Sport and Athletic Law
- **EDKN 5326:** Sport Marketing and Technology
- **EDKN 5331:** Public Relations in Sport
- **EDKN 5328:** Sport Finance
- **EDKN 5319:** Psychological Aspects of Kinesiology
- **EDKN 5332:** Legislations, Governance, and Compliance in College Athletics
- **EDKN 5317:** Research Methods in Kinesiology
- **EDKN 5338:** Statistical Analysis of Research Data

For more info: www.tamuk.edu/hkn



Contact info:

Daniel J. Burt, Ph.D., *Graduate Coordinator*
Department of Health and Kinesiology
Texas A&M University-Kingsville
(361)593-4580 | daniel.burt@tamuk.edu

The requirements for admission to the program are as follows:

1. Applicants must meet requirements for admission to the College of Graduate Studies, including GPA (2.75 or higher).
2. Demonstrate a high-level of professional and ethical academic conduct.
3. Applicants who have marginal qualifications are encouraged to request letters of recommendation from their undergraduate professors and forward them to the program coordinator.

**Scholarships and Financial Aid are available.*



Scholarships and Financial Aid is available



MAYBORN COLLEGE OF HEALTH SCIENCES

UNIVERSITY OF MARY HARDIN-BAYLOR

OCCUPATIONAL THERAPY - MSOT and OTD

A 28 month Master of Science in Occupational Therapy degree program or a 35 month Occupational Therapy Doctorate degree program located at UMHB in Belton, Texas. OTD students will have the additional value of the capstone experience.

MSOT ACADEMIC REQUIREMENTS

- Completion of a bachelor's degree in any field from a U.S. regionally accredited college or university, prior to the start of the program
- Minimum cumulative GPA of 3.0 for last 60 hours at time of application is required and must be maintained prior to start of program (3.0 for prerequisites)
- All science courses must have been taken within the last 7 years at time of application
- Grade of "B" or better required for all prerequisite courses
- 40 hours of observation required in at least 2 different practice settings
- Submit resume with initial application

MSOT PREREQUISITE REQUIREMENTS

Required Courses

Credit Hours

Anatomy & Physiology I&II with a Lab	8
Physics or Upper Level Biomechanics or Upper Level Kinesiology	3
Statistics or Research Methods	3
Abnormal Psychology	3
Human Development	3
Sociology	3
Medical Terminology	1

MSOT ADMISSION REQUIREMENTS

- Submit all application materials to the Central Application Service for Occupational Therapists (OTCAS) otcas.liaisoncas.com, including official transcripts, professional resume, and required hours of observation.
- Interview process that occurs regularly throughout application cycle will include:
 - Breakfast with applicants and faculty
 - Individual interview with faculty
 - Group interview/project activity
 - Essay on-site (applicant will be provided three prompts prior to interview, on the day of one prompt will be randomly selected)

OTD ADMISSIONS REQUIREMENTS

- Meet all MSOT admission requirements for admission
- MSOT program cumulative GPA of 3.5 or higher at time of application to OTD program
- A grade of "B" or better in all MSOT courses up to point of OTD application
- Anticipated grade of "B" or better on MSOT courses in progress at time of application
- No more than one academic alert and no academic warnings received in MSOT program for professional behavior up to time of application
- Completion of OTD program consult with OTD Program Director and Doctoral Capstone Coordinator
- Written statement of interest which includes rationale for application to OTD program

APPLICATION SUMMARY

PROGRAM START
JANUARY

ACCREDITATION:

The Master of Science in Occupational Therapy program is accredited by ACOTE The Occupational Therapy Doctorate program has candidacy status for accreditation by ACOTE (full statements on back of page)

TIMELINES:

Application for MSOT Opens in January each year Deadline: The program offers rolling admission.
Application for OTD: Apply during third semester in the MSOT program

APPLY THROUGH OTCAS:

Begin the online application process through otcas.liaisoncas.com. Following the completion of two semesters in the MSOT program, an internal OTD application can be submitted.

REQUIRED TESTS:

The GRE is not required or considered for UMHB MSOT applicants

TRANSCRIPTS:

Official transcripts sent to OTCAS.

CONTACT US:

Julie Newman
Secretary MSOT Program
jnewman@umhb.edu
(254) 295-4872

WEBSITE & FACEBOOK:

www.umhb.edu/OT
www.facebook.com/umhbot

PROGRAM OVERVIEW

The UMHB OT programs are full-time on-campus programs designed for the student who thrives in an active, engaging learning environment with faculty who are committed to student success. Regular community-based and interprofessional learning activities and involvement in our Cru Community Clinic promote community and collaborative engagement, professional reasoning and a passion for lifelong learning. The UMHB OT Programs are intentionally structured to promote occupational and life balance. Students take less than 15 credit hours per semester to ensure time for self-care, family, part-time employment, and ample time for studying in a still challenging but less intense learning environment. The UMHB OT programs prepares students for excellence in high quality, evidence and integrity-based entry-level OT practice. Our faculty all have an open-door policy and are ready to help you achieve the mastery needed to become a highly prepared occupational therapist ready to achieve your OT goals. The Master of Science in Occupational Therapy (MSOT) program at UMHB is 2.5 years or the Occupational Therapy Doctorate (OTD) program at UMHB is 3 years.

GRADUATE CURRICULUM

YEAR ONE - MSOT	CREDIT HOURS	YEAR TWO - MSOT + OTD	CREDIT HOURS
OT Theory & Process	3	Occupational Performance: Neurological Assessment & Intervention II	4
Human Occupation	3	Professional Writing in OT	2
Foundations of Occupation: Movement	3	*Capstone Prep I	1
Foundations of Occupation: Neuroscience	3	Leadership and Management in OT	4
Foundations of Occupation-Based Practice	1	Functional Cognition	4
Therapeutic Processes in OT	3	Immersive Clinical Applications	1
Occupational Performance: Psychosocial Influences	4	*Capstone Prep II	3
Evidence-Based Practice in OT - I	2	Pediatric Practice II: Community	3
Occupational Performance: Neurological Assessment & Intervention	4	Adult Practice II: Clinic	1
Occupational Performance: Chronic Conditions	4	Integration of Occupation-Based Practice	4
Occupational Performance: Musculoskeletal Assessment & Intervention	4	Case-Based Special Topics	1
Evidence-Based Practice in OT - II	2	*Capstone Prep III	5
Pediatric Practice I: Clinical Context	3		
Adult Practice I: Community	3	YEAR THREE SPRING - MSOT + OTD	
		*FW II A	5
		*FW II B	5
		YEAR THREE SUMMER & FALL - OTD	
		*Capstone Integration	3
		*Capstone Immersion	6

Courses noted with * are only for the OTD program.

OTD PROGRAM STRUCTURE

The entry-level Occupational Therapy Doctorate program is an option for student who have completed year one of the MSOT program, meet minimum OTD admission requirements, and choose to complete the additional educational and capstone requirements of the doctoral degree. With the same mission, vision, curricular design, and educational approach as the MSOT program, the OTD degree program will prepare students to be excellent entry-level practitioners with the additional value of the capstone experience in one of the following focus areas: Program Development and Evaluation; Clinical Skills; Administration.

Master's Degree Level Occupational Therapy Program

The entry-level occupational therapy master's degree program is accredited by the Accreditation Council for Occupational Therapy Education (ACOTE) of the American Occupational Therapy Association (AOTA), located at 7501 Wisconsin Avenue, Suite 510E, Bethesda, MD 20814. ACOTE's telephone number c/o AOTA is (301) 652-AOTA and its web address is acoteonline.org. Graduates of the program will be eligible to sit for the national certification examination for the occupational therapist administered by the National Board for Certification in Occupational Therapy (NBCOT). After successful completion of this exam, the individual will be an Occupational Therapist, Registered (OTR). In addition, all states require licensure in order to practice; however, state licenses are usually based on the results of the NBCOT Certification Examination. Note that a felony conviction may affect a graduate's ability to sit for the NBCOT certification examination or attain state licensure.

Doctoral Degree Level Occupational Therapy Program

The entry-level occupational therapy doctoral degree program has applied for accreditation and has been granted Candidacy Status by the Accreditation Council for Occupational Therapy Education (ACOTE) of the American Occupational Therapy Association (AOTA), located at 7501 Wisconsin Avenue, Suite 510E, Bethesda, MD 20814. ACOTE's telephone number c/o AOTA is (301) 652-AOTA and its web address is www.acoteonline.org. The program must have a preaccreditation review, complete an on-site evaluation, and be granted Accreditation Status before its graduates will be eligible to sit for the national certification examination for the occupational therapist administered by the National Board for Certification in Occupational Therapy (NBCOT). After successful completion of this exam, the individual will be an Occupational Therapist, Registered (OTR). In addition, all states require licensure to practice; however, state licenses are usually based on the results of the NBCOT Certification Examination. A felony conviction may affect a graduate's ability to sit for the NBCOT certification examination or attain state licensure.

HOLISTIC SPORTS COACHING EDUCATION

graduate certificate

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& HUMAN DEVELOPMENT

Designed for current and aspiring coaches and backed by NCACE standards, this online graduate certificate program focuses on sport science, psychology and leadership. You'll learn from nationally respected faculty about:

- athlete-centered coaching and LTAD
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- inclusive and safe sport environments
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LEAD WITH
PURPOSE

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Dr. Andreas Stamatis
Graduate Certificate Director
andreas.stamatis@louisville.edu



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FEATURES

- 100% online!
- 15 total credit hours
- One year (or two years, part time)
- Financial Aid: Title IV eligible
- Start in fall, spring, or summer!

WHO SHOULD TAKE THIS PROGRAM?

- Coaches at any level (youth or pro)
- Educators in sport settings
- Sport scientists or trainers
- Career changers passionate about athlete development

PROGRAM REQUIREMENTS

- Bachelor's degree required (2.5 GPA minimum)
- Résumé and one-page personal statement
- No GRE required!
- English proficiency exam for international students.

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Equip your students with the tools and knowledge they'll need for successful careers in healthcare, research and performance.

THE MERIDIAN SERIES: FROM CLASSROOM TO CLINIC, LAB TO PRACTICE

WHY CHOOSE THE MERIDIAN SERIES™ FOR YOUR COLLEGE OR UNIVERSITY PROGRAM?

The Meridian Series™ cardiorespiratory diagnostics system is an innovative solution designed to produce the highest level of performance when assessing cardiovascular and respiratory function. We've redefined diagnostic testing standards with a focus on accuracy and precision. Our CPET systems let your students explore human physiology in depth, understanding how the cardiovascular, respiratory, and metabolic systems interact during exercise and at rest. It equips your students with practical skills they'll actively use in hospitals, clinics and research settings.



MODULAR SYSTEM DESIGN

Flexible lab configurations:

- Tabletop option plus three cart configurations are available.
- Labs have the option to use their own computers.



FLOW SENSORS FOR SIMPLICITY AND ACCURACY

Teach students best practices in patient care and lab hygiene with our proprietary preVent® flow sensors and DirectConnect™ metabolic flow sensors:

- Maximum infection control
- Save time between patients
- Meets or exceeds ATS/ERS standards.



SEAMLESS SUBJECT TRANSITIONS

Move effortlessly from one subject to the next, maximizing your valuable lab time.

- No warm-up delays: Get started immediately, every time.
- No flow recalibration: Switch between subjects without needing to readjust settings.



Unmatched Functionality for Comprehensive Learning

GET MORE TESTING DONE WITH ONE-FLOW CALIBRATION/VERIFICATION PER DAY

Minimize setup time and maximize hands-on learning opportunities

UTILIZE ASCENT SCHEDULER FOR AUTO WARM-UP

Ensure the system is always ready for immediate testing, optimizing lab time.

IN-DEPTH CARDIORESPIRATORY ANALYSIS

Provide students with rich Breath-by-Breath CPET and Indirect Calorimetry data for detailed analysis of exercise capacity and metabolic function.

POWERED BY ASCENT™ SOFTWARE

Our intuitive Ascent™ software simplifies CPET testing and provides powerful analytical tools:

EXERSCRIPT: Design and run custom exercise tests to create personal programs based on subject's CPET results.

O₂ KINETICS: Explore oxygen deficit and debt to analyze how efficiently the body utilizes oxygen during exercise and recovery.

QUERY DATABASE: Easily find, organize, and analyze test results for projects and research.

SEAMLESS DATA EXPORT: Easily move test results and charts into reports and presentations.

INSIGHT™ QUALITY CONTROL GAUGES: Visually assess results to spot normal reactions and unusual patterns.

CURVEFITS: Analyze complex variable relationships both graphically and numerically.

EXTERNAL CONTROL: Connect and control your existing lab treadmills and cycle ergometers.

CUSTOMIZABLE VIEWS: Tailor data presentation (averages, graphs, tables) to fit your teaching needs.



Essential Supplies for Hands-on Learning

Our systems are designed for seamless integration with a range of essential supplies, ensuring your students gain practical experience with the tools they'll encounter in the field. We recommend lab packaging including coupler, flow sensor (see page 3), and neoprene mask.



MOUTHPIECES

SHOWN: MOUTHPIECE WITH SALIVA TRAP



FACE TENT

SHOWN: FACE TENT WITH BACTERIAL FILTER



FACE MASK

SHOWN: PREVENT™ FACE MASK (SIZES XS-L)



FACE MASK

SHOWN: V2/8900 MASK (SIZES XS-L)



COUPLER

SHOWN: COUPLER FOR PREVENT FACE MASK

The Meridian Series: All-in-One for Education & Research

The Meridian Series provides a complete solution for colleges, universities, and educational institutions, empowering both teaching and research. This advanced platform seamlessly combines Spirometry, Gas Exchange, and Indirect Calorimetry. Students gain hands-on experience and conduct in-depth research into lung function, exercise capacity, cardiac performance, and metabolic analysis. Elevate your teaching and prepare students for diverse health and exercise science careers with the Meridian Series.



Tall Cart with Dual Monitor



Short Cart with Single Monitor



Also Available:

Desktop Configuration

System can be placed on any solid surface for maximum flexibility. The computer can be customer provided for all configurations.



preVent® flow sensor FOR SIMPLICITY AND ACCURACY

Efficiency Redefined, Hygiene Elevated

Our proprietary preVent® flow sensor saves time between patients and provides maximum infection control compared to other pneumotach devices. It offers the highest quality flow technology on the market in terms of accuracy and precision.

- Eliminates warm-up or flow recalibration between patients.
- Simple snap in setup contains no moving parts or electronics for maximum infection control.
- Options to use with a filter (for spirometry only), sterilize, or discard, making it extremely versatile and cost effective.
- Meet ATS/ERS standards and specifications.
- Independently validated*

* Porszasz JA, Barstow TJ, Wasserman KA. Evaluation of a symmetrically disposed Pitot tube flowmeter for measuring gas flow during exercise. *Journal of Applied Physiology*. 1994 Dec 1;77(6):2659-65.

YOUR INFECTION CONTROL, YOUR CHOICE:

THREE OPTIONS FOR YOUR PEACE OF MIND

We understand the importance of infection control in every diagnostic assessment. That's why we offer you the flexibility to choose the approach that aligns best with your needs. With the preVent® flow sensor, you're in control and can select the option that provides the level of safety and convenience you require.

1. **Change:** Simply change the filter and keep the same preVent flow sensor.
2. **Re-Use:** Change the flow sensor between patients and replace with disinfected components.
3. **Dispose:** Dispose of the flow sensor after each patient.

Service & Support

BEST-IN-CLASS SERVICE & SUPPORT

- Our specialists, including exercise physiologists, complete extensive training on each MGC Diagnostic system.
- Benefit from our U.S.-based Live Technical Support, where expert assistance is readily available by phone, internet, and remote connection. We're committed to answering 90% of calls within two minutes.
- Regional Field Service Engineers are dispatched for on-site support.

The Meridian Series™ cardiorespiratory diagnostic systems offer maximum flexibility to configure your gas exchange systems. Simply select the product that best meets your needs, or talk to your product sales representative for more info.

TESTING CAPABILITIES	CPX	CARDIO ₂	CCM
PULMONARY FUNCTION TESTS:			
• Spirometry (FVC, SVC, MVV)	✓	✓	✓
• Arterial blood gases (ABG manual entry)	✓	✓	✓
ECG/HEART RATE CONFIGURATIONS:			
• Integrated 12-lead ECG	-	✓	-
GAS EXCHANGE TESTS:			
• Direct fick cardiac output	✓	✓	✓
• Exercise capacity	✓	✓	○
• Nutrition assessment: REE/RMR	○	○	✓
		✓ standard	○ optional

SPECIFICATIONS

MODULE ONLY

- H x W x L: 5 x 15.5 x 14 in (12.7 x 39.37 x 35.56 cm)

TALL CART

DUAL MONITORS

- Base: W x D: 23 x 27 in (58.42 x 68.58 cm)
- Width: 48 in (121.92 cm)
- Height: 70 in (177.8 cm)

SINGLE MONITORS

- Base: W x D: 18 x 24 in (45.72 x 60.96 cm)
- Width: 48 in (121.92 cm)
- Height: 70 in (177.8 cm)

SHORT CART WITH SINGLE MONITOR

- Base: W x D: 18 x 24 in (45.72 x 60.96 cm)
- Width: 24 in (60.96 cm)
- Height: 60 in (152.4 cm)

PREVENT® FLOW SENSOR

- Bidirectional Pitot tube flow sensor
- Range: ±18 L/s
- Accuracy: ±2% or 50 mL, whichever is greater
- Resistance: <1.5 cm H₂O @ 14 L/s
- Dead space: 39 mL

DIRECTCONNECT™ METABOLIC FLOW SENSOR

- Bidirectional Pitot tube flow sensor
- Patent number: 5,038,773
- Accuracy: ±2% or 10 mL, whichever is greater
- Resolution: 2.4 mL/s
- Range: 0–40 L/min
- Application range: 100–2000 mL
- Tidal volume range: 100–2000 mL

POWER REQUIREMENTS

- 100-240 V/50-60 Hz

O₂ ANALYSIS

- Type: Galvanic
- Range: 0-100%
- Response: (10-90%) <180 ms
- Accuracy: ±1%

CO₂ ANALYSIS

- Type: Non-dispersive infrared (NDIR)
- Range: 0-15%
- Response: (10-90%) <180 ms
- Accuracy: ±0.1% (0-10% CO₂)

GAS SAMPLE

- Proprietary gas-drying sample circuit

GAS REQUIREMENTS

ULTIMA CARDIO₂/CPX/CCM

- Calibration gas: 5% CO₂, 12% O₂, bal N₂ (5-7 psi)
- Reference gas (recommended): 21% O₂, bal N₂ (5-7 psi)



MGC DIAGNOSTICS CORPORATION, through its subsidiary Medical Graphics Corporation
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MGC Diagnostics and its affiliates are equal opportunity/affirmative action employers committed to cultural diversity in the workforce.

Part# 061389-001 RevA



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The System of Choice at NASA and U.S. Olympic Training Centers.



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US Patent No. 11284814 | European Patent No. 4311486 | PATENTS PENDING



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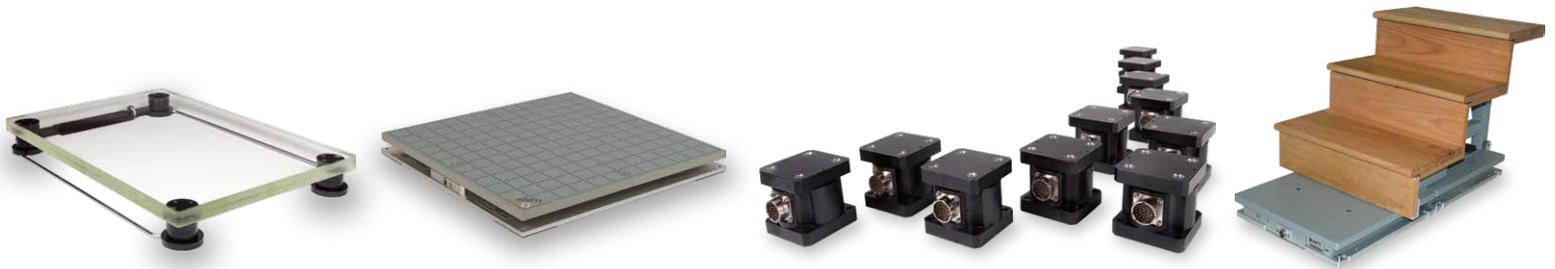
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THE BEST SCIENCE BEGINS WITH THE BEST MEASUREMENTS

AMTI

At AMTI we appreciate the importance of accuracy and precision in scientific research and healthcare. We innovate continually to provide you with the best equipment for your biomechanical applications. Whether studying gait, balance, sports, or more, researchers and clinicians worldwide rely on AMTI to provide instrumentation with the highest performance and repeatability.

AMTI multi-axis force plates precisely measure three forces and moments to provide a complete kinetic representation of movement. As an ISO 9001 certified, ISO 13485 certified, and ISO 17025 accredited company, we are committed to continuous quality product evaluation and improvement.

Force plates for biomechanics

AMTI multi-axis force plates exhibit high sensitivity and superior accuracy to provide the best fundamental measurements. Available in mounted and portable versions with a complete suite of software, AMTI force plates readily integrate with all major motion capture systems.

- Available Force Plate Sizes:**
15 cm to 1.2m, square and rectangular shapes
- Available Filler-plate sizes:**
1/4, 1/2, full, with respect to the size of the working plate
- Available Force Measuring Capacity:**
5 N to 18,000 N



Our patented technology meets the new ASTM F3109-16 standard for performance verification of multi-axis force platforms.

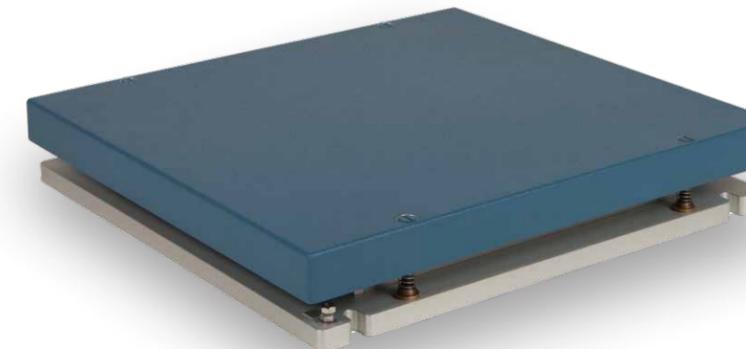
OPTIMA TECHNOLOGY

AMTI OPTIMA-HPS and OPTIMA-BMS platforms are raising the bar for force plate performance. Our patented OPTIMA technology makes OPTIMA platforms the only force plates to meet the ASTM F3109-16 calibration standard. This represents an unprecedented advancement for gait and biomechanical force measurement systems (U.S. patent number 9,459,173.)

OPTIMA-HPS (High Performance Series)

The MOST ACCURATE force plate available. Period.

OPTIMA-HPS force plates feature extreme accuracy. AMTI has established our OPTIMA calibration as a best-in-industry process, making OPTIMA-HPS force plates up to **100x more accurate** over the entire working surface than leading competitors.



HPS464508HF

OPTIMA-HPS SPECIFICATIONS*	
CENTER OF PRESSURE (COP) ERROR, TYPICAL	<0.2 mm
CROSSTALK, % APPLIED LOAD, TYPICAL	±0.05%
MEASUREMENT ACCURACY, % APPLIED LOAD, TYPICAL	±0.10%

*minimum 50 lbs

AVAILABLE OPTIMA-HPS MODELS			
Model Number	Dimensions (WxLxH)	Capacities Available	High Frequency Design
HPS400600	400 mm x 600 mm x 83 mm	4448, 8896 N	
HPS400600HF	400 mm x 600 mm x 83 mm	4448, 8896 N	✓
HPS464508	464 mm x 508 mm x 83 mm	4448, 8896 N	
HPS464508HF	464 mm x 508 mm x 83 mm	4448, 8896 N	✓

OPTIMA-BMS (Bio-Measurement Series)

OPTIMA technology in the most affordable package



BMS6001200

The OPTIMA-BMS line expands AMTI's patented OPTIMA calibration to our large area force platforms. The result is a force plate that is easily more accurate - right to the edges - than any of our competitors systems and second only to the High Performance Series (HPS).

OPTIMA-BMS SPECIFICATIONS*	
CENTER OF PRESSURE (COP) ERROR, TYPICAL	<0.5 mm
CROSSTALK, % APPLIED LOAD, TYPICAL	±0.2%
MEASUREMENT ACCURACY, % APPLIED LOAD, TYPICAL	±0.5%

*minimum applied load: 50 lbs

AVAILABLE OPTIMA-BMS MODELS			
Model Number	Dimensions (WxLxH)	Capacities Available	Composite Top Design
BMS400600	400 mm x 600 mm x 83 mm	4448, 8896 N	
BMS400600HF	400 mm x 600 mm x 83 mm	4448, 8896 N	✓
BMS464508	464 mm x 508 mm x 83 mm	4448, 8896 N	
BMS464508HF	464 mm x 508 mm x 83 mm	4448, 8896 N	✓
BMS600600	600 mm x 600 mm x 102 mm	4448, 8896 N	✓
BMS600900	600 mm x 900 mm x 102 mm	4448, 8896 N	✓
BMS6001200	600 mm x 1200 mm x 102 mm	4448, 8896 N	✓
BMS900900	900 mm x 900 mm x 102 mm	4448, 8896 N	✓

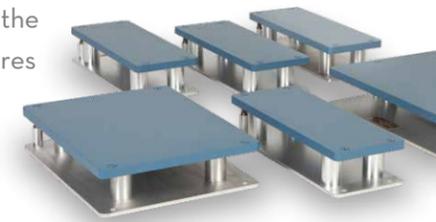
MODULAR RAIL SYSTEM

Modular Rails

AMTI's through-top mounted force plates can be paired with our extensible modular rail system, giving your lab maximum flexibility for experimental setup and the option for future lab growth.

Filler Plates

Reorganize your platforms with AMTI's filler plates. Quarter, half, and full length filler plates accommodate the spatiotemporal gait measures of different populations.



400600 Filler Plates



400600 Modular Rail System

Easily rearrange your force plates for maximum versatility.

SIGNAL CONDITIONERS

Amplifiers



OPT-SC

The OPTIMA signal conditioner works exclusively with OPTIMA-HPS and OPTIMA-BMS force plates and precision calibration files to provide levels of accuracy never before seen in force plate systems.

GEN-5

The Gen 5 signal conditioner combines with our Special Performance Series (SPS) force plates and multi-axis load cells to provide industry-leading performance and innovative features in an easy-to-use and cost-effective package.



PORTABLE FORCE PLATES

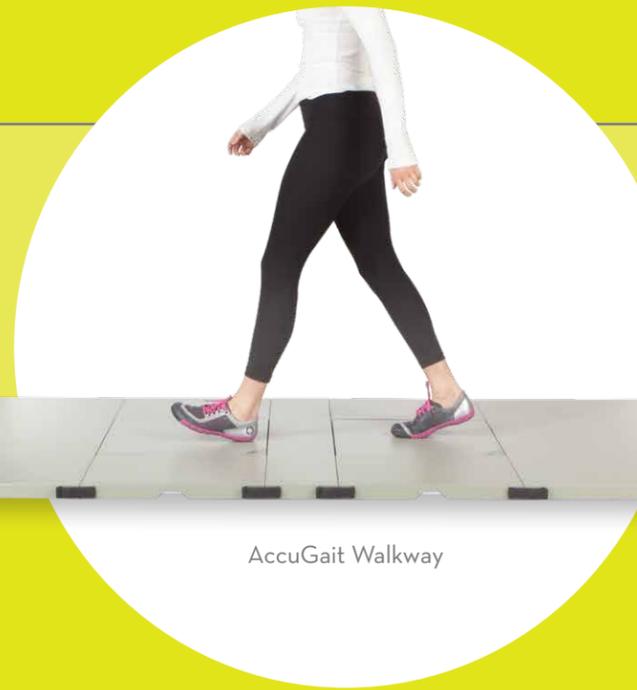


AccuGait-O

AVAILABLE PORTABLE MODELS					
Model Number	Balance	Gait	Jump/ Weightlifting	Dimensions (WxLxH)	Capacity
AccuSway-O	✓			502 mm x 502 mm x 45 mm	1112 N
AccuGait-O	✓	✓		502 mm x 502 mm x 45 mm	1334 N
AccuPower-O			✓	1016 mm x 762 mm x 125 mm	8896 N
HE6x6	✓*	✓*	✓*	152 mm x 152 mm x 29 mm	4 N, 22 N, 44 N, 71 N, or 89 N

*small animals

Pair the AccuGait-O with our portable walkway to create a mobile gait lab.



AccuGait Walkway

SPECIALIZED FORCE PLATES

AVAILABLE SPECIALIZED MODELS		
Model Number	Dimensions (WxLxH)	Capacities Available
SPS464508-GT	464 mm x 508 mm x 97 mm	4448, 8896 N
SPS600900-GT	600 mm x 900 mm x 102 mm	4448, 8896 N
SPS12001200	1200 mm X 1200 mm X 108 mm	4448, 8896 N



SPS600900-GT

INSTRUMENTED EQUIPMENT

Treadmills

AMTI's compact treadmill has two force platforms in either tandem (front and rear) or side-by-side configurations. All of our treadmills can measure the forces of individual limbs during the double support phase of walking gait.

- Incline option available, 25% grade (14 deg)
- Reversible belts for uphill and downhill testing
- Adjustable speed up to 20km/h
- Digital integration with all major motion capture and EMG software



Tandem



Side-by-Side



Force-Sensing Stairs

This removable set of 3 steps attaches to force plates that are embedded in the ground. Isolate forces and moments generated on each step, capturing data from both the front and back foot simultaneously.

Force Sensors

AMTI six-axis force sensors are ideal for research and testing environments due to their high sensitivity, low crosstalk, excellent repeatability, and proven long-term stability. Waterproof models are available.

Available sizes:

25 mm to 1.3 m

Available Force Measuring Capacity:

5 N to 890 kN



AMTI WORLDWIDE

AMTI is committed to advancing science in biomechanics, orthopaedics, and joint implants. As the industry leaders we are passionate about producing multi-axis force measuring systems and joint motion simulators with the highest measuring sensitivity, unsurpassed accuracy, robust durability and user-friendly controls.

AMTI holds many patents in the areas of multi-axis force measurement and joint motion simulation. Our newest innovation, the OPTIMA family of force plates, delivers unsurpassed measuring accuracy-up to 100x better than other platforms on the market. All of AMTI's design, manufacturing, and calibration is done in our US located ISO certified facility. All products carry the CE mark.

Biomechanics researchers and clinicians worldwide rely on AMTI to deliver the most accurate force measurement devices.

The best science begins with the best measurements.



ISO 9001 certified
ISO 13485 certified
ISO 17025 accredited



AMTI
FORCE AND MOTION

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Wearable Human Physiology & Biomechanics Monitoring



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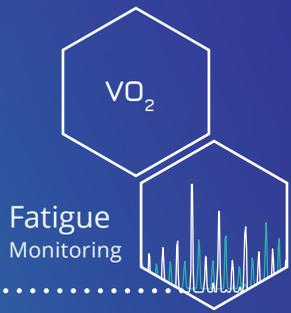
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RESEARCH & CLINICAL
Customers

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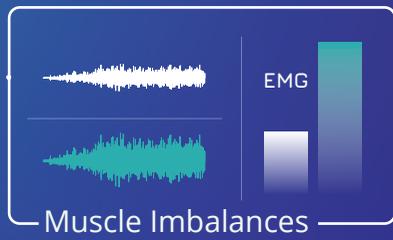
SUPPORTED
Countries



 Technique Analysis



 Virtual Reality Training



 Injury Risk



MAKING DATA WORK FOR YOU

Validating Sports Technology



EMG

Activation timing & amplitude assessments

Relevance: Changes in muscle activity promote improved performance and reduced injury risks.



VO₂

Whole body metabolic efficiency

Relevance: Elevated aerobic capacity reduces energy expenditure for same running performance.



Heart Rate

Cardiovascular response

Relevance: Altered biomechanics supports efficient cardiovascular responses.



Muscle Oxygen Saturation

Fatigue development

Relevance: Tailored designs influence oxygen utilization and reduces local fatigue build up.

A REVOLUTIONARY



IT'S YOUR MOVE



Move your patients to the MISHA Knee System, an implantable shock absorber built for when all their other care options have been ineffective. Finally, there's an FDA-authorized breakthrough device so you can treat your knee OA patients who are not ready for arthroplasty. **Move to MISHA at moximed.com**


MISHA[®]
KNEE SYSTEM

Movement Health and Sciences

Bertec's products have represented a legacy of excellence in biomechanics for over thirty years. We provide solutions founded in accuracy and precision. Our engineering is trusted worldwide to enable a deeper understanding of human movement.



Bertec® Fully Instrumented Treadmill v5 (FIT5)

The Bertec® FIT5 revolutionizes the landscape for performance researchers, providing a solution to streamline gait laboratory space requirements and eliminate the limitations inherent in traditional gait walkways. With its unique design, it delivers superior dynamic characteristics and boasts a high natural frequency, making it the preferred research-grade fully instrumented treadmill.



Bertec® Portable Essential and Head Mounted Display (HMD)

The Bertec® Portable Essential and HMD elevate research with clinical balance and multisensory training using virtual reality. This duo serves as a versatile tool for performance researchers, offering immersive rehabilitation progression and facilitating a variety of assessments and immersive trainings that provide detailed reports for analysis.



Bertec® Force Plates

Bertec® Force Plates are designed for gait and balance research, as well as performance analyses. Our patented strain gauge technology, innovative transducer designs, and quality manufacturing help you capture the highly accurate data needed for your research.