

Department of Sport and Exercise Sciences (SES)

M.S. in General Movement Science

The MS in Movement Science program offers four areas of specialization: athletic training, biomechanics, exercise physiology, and sport, exercise, and performance psychology.

What is a Degree in Movement Science?

If you are interested in multiple areas of study, you can enroll in the general Movement Science program. This provides the flexibility to customize your own program of advanced study in order to enhance your professional preparation and expertise in your current field or prepare for future doctoral studies.

Our Graduate Program Provides:

- Personalization to meet your professional goals and academic interests.
- Working professionals flexibility to complete the degree in 2 to 7 years.
- Hands-on experience through site observations, practica, and Internships.
- State-of-the-art facilities, including an Athletic Training room, Human Performance Lab, Performance Behavior Lab, and Biomechanics Lab for experiences.

Career Opportunities:

- Health and Fitness Specialist
- Strength and Conditioning Specialist
- Coach
- Fitness Director
- Education and Research

Program Courses and Structure (36 credits):

SES Movement Science Core (12)

- Biomechanics
- Research Methodology in SES
- Ethics and Social Issues in Sport
- Thesis OR Internship

Movement Science Electives (24)

*choose 8 of the following courses:

- Managing the Sport Enterprise
- Sport Psychology
- Cardiac Rehabilitation
- Cardiac Rehabilitation Laboratory
- Manual Therapy in Sports Medicine
- Qualitative Analysis in Biomechanics
- Biomechanics of Musculoskeletal Injuries
- Fitness Assessment & Program Development
- Advanced Exercise Physiology
- Advanced Exercise Physiology Laboratory
- Applied Physiology of Resistance Training
- ECG Interpretation and Exercise Testing
- Legal Issues in SES
- Gross Anatomy of the Musculoskeletal System
- Fitness and Wellness Promotion
- Ethics and Social Issues in Sport
- Advanced Statistics in SES
- Motor Learning
- Mechanical Analysis of Human Performance
- Instrumentation in Biomechanics)
- Performance Enhancement Psychology
- Exercise Psychology
- Motor Development
- Psychophysiology of Human Performance
- Exercise and Energy Metabolism
- Strategy Formulation, Implementation and Entrepreneurship
- Advanced Practicum

ADMISSION REQUIREMENTS

Barry University recognizes that many factors determine a person's potential. Consequently, the review committee adopts a comprehensive application review by taking into consideration all aspects which support the candidacy.

1. **Application:** Applicants can begin the admission process by submitting an application online through the "MyBarry" network. This network assists applications with the graduate admission process www.barry.edu/mybarry
2. **Undergraduate Courses** in Human Anatomy, Human Physiology, Exercise Physiology, Kinesiology/Biomechanics are required for a focus in Exercise Physiology.
3. **Official Transcripts:** Transcripts must be submitted from all post-secondary institutions attended.
4. **Official GRE Scores:** The Graduate Record Examination (GRE) is required. Test scores must be sent directly from ETS to Barry University. *The GRE may be waived if an applicant holds a Master-level (or higher) degree from a regionally accredited university or bachelor's degree from Barry University with a GPA of 3.0 or higher.
5. **Statement of Purpose:** A one-page essay explaining the fit between the applicant's goals and the program at Barry University. The Statement of Purpose can be submitted as part of the online application.
6. **Two Letters of Recommendation by Professionals:** One preferably from an employer.

All documents **must** be sent to:

Office of Graduate Admissions
Barry University
11300 NE 2nd Avenue
Miami Shores, FL. 33161-6695 USA

Or via email: gradadmissions@barry.edu

Tuition and Fees:

- Application fee: \$30.00 (waived for Barry alumni)
- Cost per graduate credit varies by academic year. 2016-2017 academic year graduate tuition is \$990 per academic credit.

- Upon acceptance to the graduate program, a \$250 enrollment deposit will be required and applied towards the program tuition.

International Student Additional Requirements:

1. **International Transcripts:** International coursework from an educational system other than the United States must be evaluated by a foreign credentials evaluation agency that is a member of NACES. The evaluation must be "course-by-course with GPA" and should be sent directly from the agency to the Office of Graduate Admissions.

For more information, please refer to:
www.barry.edu/future-students/graduate/admissions/grad-requirements.html

2. **Proof of English Proficiency:** The TOEFL may be waived for applicants:
 - a) With a minimum of 24 college-level academic credits earned from an accredited, higher education institution in which English was the basis of instruction and interaction OR;
 - b) Who demonstrate intermediate proficiency in English and completion of level 112 of the ELS Intensive English Courses

TOEFL Requirements:

- Paper-based: 550
- Internet-based (iBT): 79

Barry University also accepts the IELTS (6.5 or above) in lieu of the TOEFL

3. **Financial Verification Form:** International students must complete a financial verification form mandated by the USCIS for issuance of the I-20.
4. **Bank Letter:** Addressed to Barry University stating that the applicant or sponsor has the funds available to pay the total cost associated with attending Barry University for one year. A sample can be found at the [Graduate Documents website](#)

For more information about the MS in Movement Science contact us by
Email: Sportssciences@barry.edu or call + 305.899.3494.