



Arizona State University (Downtown Phoenix)

Clinical Exercise Physiology, MS

Study details

Course type: Master's degree

Degree: Clinical Exercise Physiology, MS NHCEPMS

Study mode: Full time

Duration: 24 Month

Cost of study

Cost : 38 526 USD

Reg. fee : 115 USD

Scholarship :

Insurance : 2 765 USD

Intake/s

Aug

Requirements

Admission requirements

- Applicants must fulfill the requirements of both the Graduate College and the College of Health Solutions.
- Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree in exercise science, exercise physiology, kinesiology or a closely related field from a regionally accredited institution.
- Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:

1. graduate admission application and application fee
2. official transcripts
3. resume or curriculum vitae
4. letter of intent
5. three references (academic or professional)
6. proof of English proficiency

Additional Application Information

An applicant whose native language is not English must provide proof of English proficiency (TOEFL 80 (no band below 20) (IELTS 6.5 at least 6.0 in all skills)) regardless of their current residency.

Applicants who do not have credit for basic courses from their undergraduate degree must complete the courses before beginning the application process or before beginning graduate coursework. The corresponding ASU course is in parentheses:

- Human Anatomy and Physiology with laboratories (BIO 201 and BIO 202)
- Physiological Foundations of Movement [Exercise Physiology] (KIN 340)
- Human Nutrition (NTR 241)
- Functional Anatomy and Kinesiology (KIN 334)
- Psychology (PSY 101)
- Statistics (STP 226 or similar)
- Exercise Testing with Laboratory (EXW 420)
- Exercise Prescription (EXW 425)

The letter of intent should be 600 words or less and address the applicant's area of professional or scholarly interest, career and professional goals, and relevant background, experience and training.

Contact information of three references is required. References will be contacted via email to respond to a series of questions about the applicant. At least two references must be academic (such as prior instructors) with at least one from the applicant's major. The third reference may be from an academic or related professional source.

Accommodation

Provided by partner agencies;

On-campus housing and meals \$18,933

Speciality

STEM-OPT for international students on F-1 visas

This program may be eligible for an Optional Practical Training extension for up to 24 months. This OPT work authorization period may help international students gain skills and experience in the U.S. Those interested in an OPT extension should review ASU degrees that qualify for the STEM-OPT extension at ASU's International Students and Scholars Center website.

The OPT extension only applies to students on an F-1 visa and does not apply to students completing a degree through ASU Online.

Additional information

Program description

Degree awarded: MS Clinical Exercise Physiology

In the MS program in clinical exercise physiology, students learn how to use primary and secondary prevention strategies to improve, maintain or abate declines in fitness and health in populations of various age groups.

Students learn to collaborate with medical professionals to guide exercise and rehabilitation programs for at-risk clients and those with chronic diseases. The program offers personalized mentorship and hands-on experience with expert faculty in research and clinical settings.

Students obtain the knowledge, clinical experience and skills needed to successfully complete the examination for the registered clinical exercise physiologist certification offered by the American College of Sports Medicine, <https://www.acsm.org/>.

This program is accredited through the Commission on Accreditation of Allied Health Education Programs endorsed by the American College of Sports Medicine, <https://www.caahep.org/>.

Accelerated program options

This program allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's plus master's degree with:

- Clinical Exercise Science, BS
- Kinesiology, BS

Acceptance to the graduate program requires a separate application. Students typically receive approval to pursue the accelerated master's during the junior year of their bachelor's degree program.

Program learning outcomes

Program learning outcomes identify what a student will learn or be able to do upon completion of their program. This program has the following program outcomes:

- Synthesize the current literature and guidelines on the epidemiology, pathophysiology, progression, risk factors, key clinical findings, and treatments of chronic diseases.
- Create exercise training interventions for patients with chronic disease.
- Analyze patient status changes through continuous monitoring of exercise interventions while incorporating behavior modification models that support active patient engagement.

Career opportunities

Clinical exercise physiology, in which exercise is used to help clients manage or reduce their risk of chronic disease, is an exciting and growing profession in the health care realm. It has recently been organized on the national level and is now recognized by the federal government and defined as an occupation.

The American College of Sports Medicine is the national association that establishes guidelines and recommendations for exercise testing and prescription, and evaluation of research for both healthy populations and those with chronic disease. Graduates are prepared to sit for ACSM certification, the organization's most prestigious credential for clinical professionals.

This unique and vital profession will grow as certifications and licensures support the value of clinical exercise physiology. Career opportunities are available in:

- hospital-based clinical research facilities
- hospitals
- outpatient clinics
- physician offices
- university and research laboratories