

# CLINICAL EXERCISE SCIENCE

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## Overview

**Degrees Offered:** Program Certificate

**Program Begins:** Fall, Spring

**Delivery Method:** Online, On Campus

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## Description

A Program Certificate in Clinical Exercise Science provides students with a well-developed foundation in scientific courses that are prerequisites for clinical-based graduate programs. In addition, students will gain direct field experience through co-op/internship opportunities. The certificate is designed for students looking to enter the fields of clinical exercise physiology, physical therapy, chiropractic, medicine, and athletic training.

This certificate can be bundled with other certificates toward an Associate in Applied Science (AAS) degree in Exercise and Sports Studies. Additional program certificate options within the AAS degree plan include: Exercise Science, Sport Entrepreneurship, and Sport and Fitness Management.

## Preparation

Students might consider high school courses in biology, chemistry, physics, and computers to assist them in college study. However, these courses are not mandatory for success.

## Requirements

Students who complete the curriculum requirements receive a Program Certificate in Clinical Exercise Science. The courses within the certificate lead directly into the Associate in Applied Science degree in Exercise and Sports Studies.

## Career Opportunities

The future professional workforce of the sports and exercise industry is in high demand. Career opportunities exist in pre-physical therapy, pre-occupational therapy, pre-athletic training, pre-clinical exercise physiology, or pre-clinical exercise physiology.

## Degree Plans

- Clinical Exercise Science Program Certificate

## Program Learning Outcomes

Upon graduation, Clinical Exercise Science students will be able to:

- Demonstrate an understanding of the human body and how it functions.
- Detail an understanding of physical activity as it relates to the overall fitness of the human body.
- Identify abnormalities in the anatomy and physiology of the human body.
- Demonstrate effective communication skills.