

# SPORTS MEDICINE (PROFESSIONAL CERTIFICATE)

Award: Professional Certificate  
Program of Study: Sports Medicine  
Program Code: 1705

Students enrolled in the Sports Medicine certificate program should have a strong interest in the prevention, evaluation, and treatment of injuries to the physically active. Students will engage in practical experiences that will help them towards the possibility of a future career in Athletic Training while being exposed to Occupational Therapy, Physical Therapy, and Physician Assistant Studies. Students will explore subject areas that include risk management, prevention and evaluation of medical and musculoskeletal conditions, therapeutic modalities, therapeutic exercise in rehabilitation, and pharmacology. This program aims to advance the knowledge base of a paramedic and better prepare students enrolled in a degree program to work in a sports medicine environment.

Important information about this program:

- 12 semester hours for the Sports Medicine Professional Certificate.
- 2.00 cumulative GPA or higher in the certificate is required.
- CPR/First Aid Certification is a graduation requirement for this certificate.
- Students are required to attend one Athletic Training class session and one class session from either Occupational Therapy, Physical Therapy, or Physician Assistant Studies to graduate.

For more information on what you can do with this major, visit Career Services' [What to Do with a Major?](#) resource.

All CMU certificate graduates are expected to demonstrate proficiency in specialized knowledge/applied learning, critical thinking, and personal and social responsibility. In addition to these campus-wide student learning outcomes, graduates of this major will be able to:

1. Identify the general medical or musculoskeletal pathology present based on signs, symptoms, and special tests outcomes. (Critical Thinking)
2. Implement therapeutic interventions and pharmacological interventions appropriately and according to the needs of the patient. (Specialized Knowledge)
3. Practice clinically in accordance with knowledge gained in courses taken. (Personal and Social Responsibility)

## Requirements

Each section below contains details about the requirements for this program. Select a header to expand the information/requirements for that particular section of the program's requirements.

**To print or save an overview of this program's information, including the program description, learning outcomes, requirements, suggested course sequencing (if applicable), and advising and graduation information, scroll to the bottom of the left-hand navigation menu and select "Print Options."** This will give you the options to either "Send Page to Printer" or "Download PDF of This Page." The "Download PDF of This Page" option

prepares a much more concise presentation of all program information. The PDF is also printable and may be preferable due to its brevity.

## Institutional Certificate Requirements

The following institutional requirements apply to all CMU Professional Certificates. Specific programs may have different requirements that must be met in addition to institutional requirements.

- Consists of 5-59 semester hours.
- Primarily 300-400 level courses.
- At least fifty percent of the credit hours must be taken at CMU.
- 2.00 cumulative GPA or higher in all courses taken to satisfy program requirements.
- A grade lower than "C" in the program of study will not be counted toward meeting the certificate's requirements.
- A course may only be used to fulfill one requirement for each degree/certificate.
- Pre-collegiate courses (usually numbered below 100) cannot be used for graduation.
- Capstone exit assessment/projects (e.g., Major Field Achievement Test) requirements are identified under Program-Specific Certificate Requirements.
- The Catalog Year determines which program sheet and certificate requirements a student must fulfill in order to graduate. Visit with your advisor or academic department to determine which catalog year and program requirements you should follow.
- See "Requirements for Undergraduate Degrees and Certificates" in the catalog for a complete list of graduation requirements.

## Program Specific Certificate Requirements

(12 semester hours, must earn a grade of "C" or better in each course.)

Additional notes about requirements for completion of this degree:

- CPR/First Aid Certification is a graduation requirement for this certificate.
- Students are required to attend one Athletic Training class session and one class session from either Occupational Therapy, Physical Therapy, or Physician Assistant Studies to graduate.

Code	Title	Semester Credit Hours
KINE 330	Prevention and Evaluation of Injuries to the Physically Active	3
KINE 420	Therapeutic Interventions	3
KINE 430	Medical Conditions and Pharmacology in the Physically Active	3
KINE 440 or KINE 487	Clinical Anatomy <sup>2,1</sup> Structured Research	3
<b>Total Semester Credit Hours</b>		<b>12</b>

<sup>1</sup> Must take 3 credits of KINE 487 if chosen. KINE 303/KINE 303L, KINE 213 and BIOL 209/BIOL 209L are prerequisites to KINE 487  
<sup>2</sup> KINE 309 is a prerequisite of KINE 440

## Suggested Course Plan

First Year		Semester Credit Hours
Fall Semester		
KINE 330	Prevention and Evaluation of Injuries to the Physically Active	3
<b>Semester Credit Hours</b>		<b>3</b>
Spring Semester		
KINE 420 or KINE 430	Therapeutic Interventions or Medical Conditions and Pharmacology in the Physically Active	3
<b>Semester Credit Hours</b>		<b>3</b>
Second Year		
Fall Semester		
KINE 430 or KINE 420	Medical Conditions and Pharmacology in the Physically Active or Therapeutic Interventions	3
<b>Semester Credit Hours</b>		<b>3</b>
Spring Semester		
KINE 440 or KINE 487	Clinical Anatomy or Structured Research	3
<b>Semester Credit Hours</b>		<b>3</b>
<b>Total Semester Credit Hours</b>		<b>12</b>

Submission deadlines and commencement details can be found on the [Graduation](#) web page.

If a student's petition for graduation is denied, it will be their responsibility to apply for graduation in a subsequent semester. A student's "Intent to Graduate" does not automatically move to a later graduation date.

## Advising and Graduation

### Advising Process and DegreeWorks

Documentation on the pages related to this program is intended for informational purposes to help determine what courses and associated requirements are needed to earn a certificate. Some courses are critical to complete in specific semesters while others may be moved around. Meeting with an academic advisor is essential in planning courses and discussing the suggested course sequencing. It is ultimately the student's responsibility to understand and fulfill the requirements for their intended certificate.

DegreeWorks is an online degree audit tool available in MAVzone. It is the official record used by the Registrar's Office to evaluate progress towards a certificate and determine eligibility for graduation. Students are responsible for reviewing their DegreeWorks audit on a regular basis and should discuss questions or concerns with their advisor or academic department head. Discrepancies in requirements should be reported to the Registrar's Office.

## Graduation Process

Students must complete the following in the first two months of the semester prior to completing their certificate requirements (for one-semester certificates, complete in the first week of class):

- Review their DegreeWorks audit and create a plan that outlines how unmet requirements will be met in the final semester.
- Meet with their advisor and modify their plan as needed. The advisor must approve the final plan.
- Submit the "Intent to Graduate" form to the Registrar's Office to officially declare the intended graduation date and commencement ceremony plans.
- Register for all needed courses and complete all requirements for each degree sought.