

## MS Sports Medicine

37 Credits

The Master of Science Degree in Sports Medicine (MScSM) provides the coursework and practical experience necessary to obtain advanced knowledge and skills in the discipline of Sports Medicine. The degree specifically offers the opportunity for those who are Certified Athletic Trainers (BOC) to build upon their theoretical and clinical competencies beyond those gained at the undergraduate level. The program knowledge and practical experience allows the student to further develop theoretical knowledge and clinical skills, increase their ability to critically evaluate current sports medicine related literature, and obtain the ability to conduct clinically relevant sports medicine research. Opportunities are available to gain experience within the University Intercollegiate Athletic Programs, Secondary School Interscholastic Settings, Olympic Training Centers and Sports Medicine/Physical Therapy Clinics.

**Completion of this degree program DOES NOT make a student eligible to sit for the Board of Certification for athletic training examination.**

### Program Objectives

- Expand critical thinking and independent decision making in professional practice
- Develop management skills in sports medicine professionals
- Facilitate and promote community interaction in sports medicine
- Provide students with expanded field and/or clinical opportunities
- Promote the synthesis of sports medicine related literature
- Integrate theory and research into practice
- Foster scholarly and research activities
- Develop exemplary athletic training/sports medicine professionals
- Provide culturally sensitive care to diverse populations

### Program Prerequisites:

- Bachelor degree from an accredited college or university
- BOC for athletic training certified (ATC) or eligible by semester of admission
  - or equivalent certification, for example: Canadian Certified Athletic Therapist
- Undergraduate Cumulative GPA of 3.0 or above
- Undergraduate Major GPA of 3/0 or above
- Applicants must submit Parts I & II of the Graduate Application Form  
<http://web.uccs.edu/gradschl/app/#forms>
  - Signed in-state tuition form
  - 3 letters of reference
  - Selective service form (if applicable)
  - 2 copies of all OFFICIAL transcripts
  - Application fee of \$60.00
- Completion of GRE. Scores must be submitted to UCCS (effective Fall 2008)
- Completion of at least 6 hrs of Anatomy and Physiology with laboratory
- Completion of Nutrition I or comparable course (UCCS course HSCI 207)

### Recommended:

- Completion of undergraduate inferential statistics such as HSCI 206

### Application Deadlines:

**SUMMER: April 1st of each year**

**FALL: June 1st of each year**

**SPRING: November 1st of each year**

**CONTACTS:**

**Program Information**

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**MS Sports Medicine CURRICULUM REQUIREMENTS**

<b>Health Science Requirements</b>	
HSCI 601 Graduate Seminar	1
HSCI 702 Clinical Research Application	3
<b>TOTAL 4 Credits</b>	
<b>Health Science Research Requirements</b>	
HSCI 700 Thesis <b>AND</b>	6
HSCI 703 Statistics	3
<b>OR</b>	
HSCI 609 Graduate Research Project/Seminar <b>AND</b>	3
HSCI 615 Sports Medicine Internship	3
<b>OR</b>	
Completion of Comprehensive Exam	0
HSCI 615 Sports Medicine Internship	3
<b>TOTAL 3-9 Credits</b>	
<b>Sports Medicine Requirements</b>	
HSCI 506 Sport Nutrition	3
HSCI 535 Advanced Function Human Anatomy	4
HSCI 560 Biomechanics of Musculoskeletal Injury (project/exam options only)	3
HSCI 605 Advanced Evaluation of Lower Extremity	3
HSCI 608 Advanced Evaluation of Upper Extremity	3
HSCI 612 Seminar in Sports Medicine Administration	2
HSCI 660 Health Behavior and Therapeutic Exercise	3
HSCI 663 Manual Therapy	3
<b>TOTAL 21-24 Credits</b>	
<b>Electives</b> (3 credits thesis/project options / 6 credits exam option)	
HSCI 503 Sport Specific Training Principles and Techniques	3
HSCI 505 Obesity and Weight Management	3
HSCI 606 Advanced Program Planning & Implementation	3
BIOL 579 Laboratory Methods in Exercise Physiology	3
BIOL 580 Advanced Exercise Physiology	3
BIOL 636 Advanced Biomechanics	2
<b>TOTAL 3-6 Credits</b>	

**MS Sports Medicine Comprehensive Exam Option suggested course sequence**

<b>First Year</b>	
<b>Fall Semester</b>	
HSCI 702 Clinical Research Application	3
HSCI 601 Graduate Seminar	1
HSCI 612 Seminar in Sports Medicine Administration	2
HSCI 535 Advanced Function Human Anatomy	4
<b>TOTAL 10</b>	
<b>Spring Semester</b>	
HSCI 663 Manual Therapy	3
HSCI 605 Advanced Evaluation of Lower Extremity	3
HSCI/BIOL Elective	3
<b>TOTAL 9</b>	
<b>Second Year</b>	
<b>Fall Semester</b>	
HSCI 608 Advanced Evaluation of Upper Extremity	3
HSCI 506 Sport Nutrition	3
BIOL 560/HSCI 560 Biomechanics of Musculoskeletal Injury	3
<b>TOTAL 9</b>	
<b>Spring Semester</b>	
HSCI/BIOL Elective	3
HSCI 660 Health Behavior and Therapeutic Exercise	3
HSCI 615 Sports Medicine Internship	3
HSCI 999 Candidate for Degree/Comprehensive Exam	0
<b>TOTAL 9</b>	