

# EXERCISE SCIENCE, MASTER OF SCIENCE

The Master of Science (MS) in Exercise Science is offered by CHLS, working toward a joint degree with the number 1 ranked graduate Exercise Science program in the United States of America, offered by the Arnold School of Public Health at the University of South Carolina (USC).

Capitalizing on the recognized strengths of the USC program, the MS in Exercise Science will establish within Qatar and the MENA region a top-ranked educational and research degree program in exercise science. The program aligns with the objectives of the Qatar National Vision 2030 and the National Health Strategy 2018-2022, aiming to promote healthy lifestyles and enhance the health and welfare of the people of Qatar.

The MS in Exercise Science program is the only graduate program in exercise science in Qatar and prepares students for a spectrum of health-related specialties and professions within the field of Exercise Science.

For more information, click here (<https://www.hbku.edu.qa/en/chls/mas-science-exercise-science/>).

## Requirements

Minimum hours required to complete program 33 CH

Code	Title	Hours
<b>Core Courses</b>		
CLS 625	Applied Biostatistics	3
EXSC 780	Physiology of Exercise	3
EXSC 787	Research Methods and Design for Exercise Science	3
PUBH 700	Perspectives in Public Health <sup>1</sup>	3
Select one of the following:		3
EXSC 700	Physical Activity and Health: Epidemiology, Research and Practice	
EXSC 710	Behavioral Aspects of Physical Activity	
EXSC 731	Mechanisms of Motor Skill Performance	
EXSC 777	Endocrinology of Exercise and Health <sup>1</sup>	
Subtotal		15
<b>Elective Courses</b>		
Students may take up to 6 credits from CHLS courses in addition to 12 courses below:		
EPID 700	Introduction to Epidemiology	
EXSC 700	Physical Activity and Health: Epidemiology, Research and Practice	
EXSC 710	Behavioral Aspects of Physical Activity	
EXSC 731	Mechanisms of Motor Skill Performance	
EXSC 742	Clinical Exercise Testing	
EXSC 743	Lab Measurements for Exercise Testing	
EXSC 777	Endocrinology of Exercise and Health <sup>1</sup>	
EXSC 781	Physiology, Exercise and Disease	
EXSC 784	Cardiopulmonary Exercise Testing and Prescription	
EXSC 732	Applied Biomechanics	
Subtotal		12

### Thesis

EXSC 695	Master's Thesis Hours	1-6
Subtotal		6
<b>Non-Course Requirements</b>		
699	Thesis Defense	0
<b>Total</b>		<b>33</b>

<sup>1</sup> Courses offered by the University of South Carolina

## Study Plan

First Year		Hours
<b>First Semester</b>		
CLS 625	Applied Biostatistics	3
EXSC 732	Applied Biomechanics	3
EXSC 780	Physiology of Exercise	3
PUBH 700	Perspectives in Public Health	3
<b>Semester Hours</b>		<b>12</b>
<b>Second Semester</b>		
EXSC 787	Research Methods and Design for Exercise Science	3
Elective 1		3
Elective 2		3
<b>Semester Hours</b>		<b>9</b>
<b>Second Year</b>		
<b>First Semester</b>		
Elective 3		3
Elective 4		3
EXSC 695	Master's Thesis Hours	3
<b>Semester Hours</b>		<b>9</b>
<b>Second Semester</b>		
EXSC 695	Master's Thesis Hours	3
<b>Semester Hours</b>		<b>3</b>
<b>Total Hours</b>		<b>33</b>