

**Master of Science Program
in Movement and Exercise
Sciences**

Name of the Curriculum : Master of Science Program in Movement and Exercise Sciences
Name of the Degree : **(Full) Master of Science** (Movement and Exercise Sciences)
: **(Abbr.) M.S.** (Movement and Exercise Sciences)

Plan A Type A 1

Degree Requirements: **36 Credits**

- A. Thesis courses
 - 518797 Thesis 36 Credits
- B. Academic activities
 1. A student has to participate in all academic seminars of the discipline throughout the year long study and has to present a seminar on topic related to their thesis as well as report thesis progression at least once per semester, with a total of not less than 4 semesters. Procedure is followed by the research program committee.
 2. A student has to be a presenter and attend any special lectures carrying by guest speakers in all semesters according to the study plan.
 3. The whole or part of a thesis must be published/accepted for publication in journal or an academic media which the first author must be the student's name at least 1 full academic paper.
 4. A students has to present, or his/her thesis work is accepted, either oral or poster, for presentation in academic conferences at least one time.
 5. A students has to report thesis progression to the Curriculum administrative committee every year.
 6. A students has to report the thesis progression, using the graduate school format, to the Graduate school every semester, for approval by the Chairman of the Graduate Study Committee.
- C. Non-credit courses
 1. Graduate School's requirements foreign language
 2. Program's requirements
 - 2.1 Seminar registration every semester, each one by a non-credit courses.
Evaluation of the seminar with the letters S / U.
 - MES 518791 Academic seminar 1 1 Credit
 - MES 518792 Academic seminar 2 1 Credit
 - MES 518793 Academic seminar 3 1 Credit
 - MES 518794 Academic seminar 4 1 Credit
 - 2.2 In case of inadequate basic knowledge, academic committee may require to undertake extra-undergraduated courses without credits

Plan A Type A2

Degree Requirements :	Total a minimum of	36	Credits
Curriculum Structure			
A. Course Work	a minimum of	24	Credits
1. Graduate courses	a minimum of	24	Credits
1.1 Field of concentration courses	a minimum of	21	Credits
1.1.1 Required courses		15	Credits
MES 518707 Measurement and Evaluation of Human Movement		2	Credits
MES 518709 Applied Biomechanics		3	Credits
MES 518761 Physiology for Movement and Exercise Sciences		3	Credits
MES 518763 Advanced Motor Control and Learning		3	Credits
MES 518773 Health Science Research Methods and Statistics		3	Credits
MES 518775 Seminar in Movement and Exercise Sciences		1	Credit
1.1.2 Elective courses	a minimum of	6	Credits
Select from			
<u>Exercise and Applied physiology courses</u>	a minimum of	3	Credits
MES 518724 Exercise for Prevention and Rehabilitation		3	Credits
MES 518762 Aging and Holistic Approach		3	Credits
<u>Other courses</u>	a minimum of	3	Credits
MES 518705 Pathobiomechanics		2	Credits
MES 518712 Biosignaling of Movement		3	Credits
MES 518731 Field Study		2	Credits
MES 518750 Health Promotion and Illness Prevention in Community		3	Credits
MES 518770 Special Problem		2	Credits
MES 518772 Alternative Treatment		3	Credits
MES 518795 Physical Therapy for Sports Injuries		3	Credits
1.2 Other courses	a minimum of	3	Credits
1.2.1 Required course		none	

1.2.2 Elective courses	a minimum of	3	Credits
Select other courses according to consent of the committee			
2. Advanced undergraduate course		none	
B. Thesis		12	Credits
MES 518799 Thesis		12	Credits
C. Non-credit course			
1. Graduate School's requirement	foreign language		
2. Program's requirement	In case of inadequate basic knowledge, academic committee may require to undertake extra-undergraduated courses without credits		
D. Academic activities			
1.	A student has to participate in all academic seminars of the discipline throughout the year long study and has to present a seminar on topic related to their thesis as well as report thesis progression at least once per semester, with a total of not less than 4 semesters. Procedure is followed by the research program committee.		
2.	A student has to be a presenter and attend any special lectures carrying by guest speakers in all semesters according to the study plan.		
3.	The whole or part of a thesis must be published/accepted for publication in journal or an academic media which is accepted in that program, or presented in the academic conference with proceedings which have an editorial board and the first author must be the student's name at least 1 full academic paper.		
4.	A students has to report thesis progression to the Curriculum administrative committee before completing the program within 2 years (at second semester). In case of incomplete the program within 2 years, students has to report every semester after that.		

Plan B

Degree Requirements : **Total a minimum of 36 Credits**

Curriculum Structure

A. Course Work	a minimum of	30	Credits
1. Graduate courses	a minimum of	30	Credits
1.1 Field of concentration courses	a minimum of	27	Credits
1.1.1 Required courses		9	Credits
MES 518701 Human Movement and Exercise		3	Credits
MES 518707 Measurement and Evaluation of Human Movement		2	Credits
MES 518773 Health Science Research Methods and Statistics		3	Credits
MES 518775 Seminar in Movement and Exercise Sciences		1	Credit
1.1.2 Elective courses	a minimum of	18	Credits
Select from			
<u>Exercise and Applied physiology courses</u>	a minimum of	3	Credits
MES 518724 Exercise for Prevention and Rehabilitation		3	Credits
MES 518762 Aging and Holistic Approach		3	Credits
<u>Other courses</u>	a minimum of	12	Credits
MES 518712 Biosignaling of Movement		3	Credits
MES 518721 Nutrition and Exercise Biochemistry		2	Credits
MES 518723 Instruments and Physical Fitness Testing		2	Credits
MES 518731 Field Study		2	Credits
MES 518751 Health Promotion for Women		2	Credits
MES 518752 Health Promotion for Various Age Groups		2	Credits
MES 518770 Special Problem		2	Credits
MES 518772 Alternative Treatment		3	Credits
MES 518795 Physical Therapy for Sports Injuries		3	Credits
1.2 Other courses	a minimum of	3	Credits
1.2.1 Required course		none	
1.2.2 Elective courses		3	Credits
Select other courses according to consent of the committee			
2. Advanced undergraduate course		none	
B. Independent study		6	Credits
MES 518798 Independent Study		6	Credits
C. Non-credit course			

1. Graduate School's requirement foreign language
2. Program's requirement In case of inadequate basic knowledge, academic committee may require to undertake extra-undergraduated courses without credits

D. Comprehensive Examination

Having submitted a request form to the Graduate School, approved by general advisor or major thesis advisor, a student must then complete a comprehensive examination.

**Recommended Study Program Leading
to the M.S. (Movement and Exercise Sciences)**

Plan A Type A 1

First Year

First Semester		Credits	Second Semester		Credits
	Registration to use University services	-	518792	Academic seminar 2	0
	Foreign language examination	-	518797	Thesis	12
	Qualification examination	-			
	Propose thesis proposal	-			
518791	Academic seminar 1	0			
	Total	0		Total	12

Second Year

First Semester		Credits	Second Semester		Credits
518793	Academic seminar 3	0	518794	Academic seminar 4	0
518797	Thesis	12	518797	Thesis	12
	Total	12		Total	12

Total credits of the curriculum are no less than 36 credits

Plan A Type A2

First Year

First Semester		Credits	Second Semester		Credits
518709	Applied Biomechanics	3	518707	Measurement and Evaluation of Human Movement	2
518761	Physiology for Movement and Exercise Sciences	3		Elective courses	6
518763	Advanced Motor Control and Learning	3		Foreign language examination	-
518773	Health Science Research Methods and Statistics	3		Propose thesis proposal	-
Total		12	Total		8

Second Year

First Semester		Credits	Second Semester		Credits
518775	Seminar in Movement and Exercise Sciences	1	518799	Thesis	6
	Elective courses	3			
518799	Thesis	6			
Total		10	Total		6

Total credits of the curriculum are no less than 36 credits

Plan B

First Year

First Semester		Credits	Second Semester		Credits
518701	Human Movement and Exercise	3		Elective courses	12
518707	Measurement and Evaluation of Human Movement	2			
518773	Health Science Research Methods and Statistics	3			
518775	Seminar in Movement and Exercise Sciences	1			
	Elective courses	3			
	Total	12		Total	12

Second Year

First Semester		Credits	Second Semester		Credits
	Elective courses	6	518798	Independent Study	3
	Foreign language examination	-			
	Comprehensive examination	-			
	Propose independent study proposal	-			
518798	Independent Study	3			
	Total	9		Total	3

Total credits of the curriculum are no less than 36 credits