

**TEXAS A&M UNIVERSITY**  
**DEPARTMENT OF HEALTH & KINESIOLOGY**

Master of Science (MSc) in Kinesiology  
 Emphasis in Motor Neuroscience

The M.S. in Kinesiology with an emphasis in Motor Neuroscience offers advance scientific study of the psychological and neural mechanisms underlying skilled human behaviors. This is accomplished by assessing change that occurs (a) across the life-span (development and aging), (b) due to practice or experience (adaptation and learning), or following illness and injury (rehabilitation and neural disorders).

**Non-Thesis Option (minimum 36-hr)**

<i>Course</i>	<i>Description</i>	<i>Hrs</i>
KINE 601	Reading Research Publications in Kinesiology	3
STAT 651	Statistics in Research I	
	- Or-	
KINE 690	Theory of Kinesiology Research	3
KINE 606	Motor Neuroscience I	3
KINE 640	Motor Neuroscience II	3
KINE 681	Seminar – Lecture (2 semesters)	2
KINE 682	Seminar in Motor Neuroscience	2
KINE 685	Directed Study in Motor Neuroscience	3
Electives	As Approved by Advisor	min of 20
	<b>TOTAL</b>	<b>36</b>

**Thesis Option (minimum 32-hr)**

<i>Course</i>	<i>Description</i>	<i>Hrs</i>
KINE 601	Reading Research Publications in Kinesiology	3
STAT 651	Statistics in Research I	
- Or-		
KINE 690	Theory of Kinesiology Research	3
KINE 606	Motor Neuroscience I	3
KINE 640	Motor Neuroscience II	3
KINE 681	Seminar – Lecture (2 semesters)	2
KINE 682	Seminar in Motor Neuroscience	2
KINE 685	Directed Study in Motor Neuroscience	3
KINE 691	Research	6
Electives	As Approved by Advisor	min of 10
	<b>TOTAL</b>	<b>32</b>