

# Master of Science Program in Anatomy

## Research Focus

- Cell and Molecular Biology
- Cell and Tissue Pathology
- Reproductive Biology
- Neuroanatomy
- Molecular Neuro Biology
- Morphological and Morphometric Studies
- Developmental Biology and Genetics
- Gross Anatomy
- Stem Cell and Cancer
- Toxicology
- Forensic Anthropology

## Structure of the Program

### 1. Credit Requirements \*

Requirements	Option 1.1	Option 1.2
Coursework	-	24
- Required Course	-	3
- Core Courses	-	12
- Electives	-	9
Required Non-credit Courses	5	5
Thesis	36	12
<b>Total</b>	<b>36</b>	<b>36</b>

\* Minimum credits required

## 2. Required Course

Requirements	Option 1.1		Option 1.2	
	Course No.	Cr.	Course No.	Cr.
Cell Biology	-	-	422513	3
<b>Total</b>	-	-	<b>1</b>	<b>3</b>

## 3. Core Courses

Requirements	Option 1.1		Option 1.2	
	Course No.	Cr.	Course No.	Cr.
Regional Anatomy 1	-	-	419511	3
Regional Anatomy 2	-	-	419512	3
Neuroanatomy	-	-	419521	3
Microscopic Anatomy	-	-	419531	3
<b>Total</b>	-	-	<b>4</b>	<b>12</b>

## 4. Electives

Requirements	Option 1.1		Option 1.2	
	Course No.	Cr.	Course No.	Cr.
Reproductive and Assisted Reproductive Technique	-	-	419512	2
Anatomical Laboratory of Circulation System	-	-	419513	1
Anatomical Laboratory of Musculoskeletal System	-	-	419514	1
Anatomical Laboratory of Respiratory System	-	-	419515	1
Anatomical Laboratory of Urinary System	-	-	419516	1
Anatomical Laboratory of Digestive System	-	-	419517	1
Anatomical Laboratory of Reproductive System	-	-	419518	1
Research Methods in Anatomical Science	-	-	419519	2
Neuropharmacology	-	-	419522	2
Neurochemistry	-	-	419523	2
Electron Microscopy	-	-	419534	1
Image Analysis for Research	-	-	419535	1

Requirements	Option 1.1		Option 1.2	
	Course No.	Cr.	Course No.	Cr.
Immunohistochemical Technique	-	-	419536	1
Human Embryology	-	-	419541	2
Cell and Tissue Culture Laboratory	-	-	419543	1
Advanced Human Genetics	-	-	419544	2
Current Topics in Anatomy	-	-	419594	1
<b>Total</b>	-	-	≥5	≥9

### 5. Required Non-credit Courses

Requirements	Option 1.1		Option 1.2	
	Course No.	Cr.	Course No.	Cr.
Research Methodology in Health Sciences	422510	3	422510	3
Seminar 1	419596	1	419596	1
Seminar 2	419597	1	419597	1
<b>Total</b>	<b>3</b>	<b>5</b>	<b>3</b>	<b>5</b>

### 6. Thesis Credit Requirements

Requirements	Option 1.1		Option 1.2	
	Course No.	Cr.	Course No.	Cr.
Thesis 1, Option 1.1	419551	9	-	-
Thesis 2, Option 1.1	419552	9	-	-
Thesis 3, Option 1.1	419553	9	-	-
Thesis 4, Option 1.1	419554	9	-	-
Thesis 1, Option 1.2	-	-	419561	4
Thesis 2, Option 1.2	-	-	419562	4
Thesis 3, Option 1.2	-	-	419563	4
<b>Total</b>	<b>4</b>	<b>36</b>	<b>3</b>	<b>12</b>