

Cancer Nanoscience

Program

College of Medicine

Master of Nanoscience & Nanotechnology

Credit Hours Required for a Master of Nanoscience & Nanotechnology Cancer Nanoscience (MNT)

Types of Courses	Compulsory	Elective	Total
Core	12	-	12
Subject	9	3	12
Thesis	18	-	18
Total	39	3	42

Core Courses

Item #	Title	Credits
MNT 510	Introduction to Nanoscience & Nanotechnology I	3
MNT 530	Experimental Techniques in Nanotech - I	3
MNT 520	Introduction to Nanoscience & Nanotechnology II	3
MNT 540	Experimental Techniques in Nanotech - II	3

Subject Courses

Choose 3 subject courses.

Item #	Title	Credits
MNT 551	Cancer mechanisms as therapy targets	3
MNT 552	Advanced Topic in Cancer Biology and Theranostics	3
MNT 553	Cancer Genomics and Bioinformatics	3
REC 503	Research Methodologies	3

Elective Courses

Choose one elective course from below.

Item #	Title	Credits
MNT 502	Nanobiotechnology	3
MNT 503	Special Topics in Nanomedicine	3
MNT 504	Biosensors & Lab-on-a-Chip	3
MNT 513	Topics in Nanomaterials Science	3

Thesis

Item #	Title	Credits
MNT 600	Thesis A	9
MNT 600	Thesis B	9
		42

Semester 1

Item #	Title	Credits
MNT 510	Introduction to Nanoscience & Nanotechnology I	3
MNT 530	Experimental Techniques in Nanotech - I	3
MNT 551	Cancer mechanisms as therapy targets	3

Semester 2

Item #	Title	Credits
MNT 520	Introduction to Nanoscience & Nanotechnology II	3
MNT 540	Experimental Techniques in Nanotech - II	3
MNT 552	Advanced Topic in Cancer Biology and Theranostics	3

Semester 3

Item #	Title	Credits
MNT 600	Thesis A	9
MNT 553	Cancer Genomics and Bioinformatics	3
	MNT Elective	3

Semester 4

Item #	Title	Credits
MNT 600	Thesis B	9