

Certificate, Medical Dosimetry Version 1.2

Quarter 1 10 Weeks	Course ID	Course Name	Lecture Contact Hours	Lab Contact Hours	Clinical Extern Contact Hours
	BIO 1210	Cross-sectional Anatomy	30.00		
BIO 2120	Pathophysiology	40.00			
ETH 1210	Ethics & Law in the Health Professions	30.00			
HUM 1120	Medical Terminology	10.00			
RAD 1140	Patient Care I	20.00			
RAD 1230	Radiation Physics I	30.00			
RAD 1370	Radiation Protection	20.00			
RAD 1380	Medical Imaging & Processing	10.00			
RAD 2360	Quality Management & Operational Issues	20.00			
			210.00	0.00	0.00

210.00

Quarter 2 10 Weeks	Number	Name	Lecture Contact Hours	Lab Contact Hours	Clinical Extern Contact Hours
	COMM 1120	Communication	40.00		
MDS 1110	Foundations of Medical Dosimetry	30.00			
MDS 1210L	Contouring Skills Lab			40.00	
MDS 1220	Introduction to Treatment Planning	30.00			
MDS 1230L	Treatment Planning Skills Lab			40.00	
RAD 1330	Radiation Physics II	30.00			
RAD 1470	Radiation Biology	30.00			
			160.00	80.00	0.00

240.00

Quarter 3 10 Weeks	Number	Name	Lecture Contact Hours	Lab Contact Hours	Clinical Extern Contact Hours
	MDS 1310	Clinical Applications of Electron Beams	30.00		
MDS 1320	Brachytherapy	30.00			
MDS 1330	Complex Planning I - SRT/SRS	15.00			
MDS 1390	Clinical Education I			260.00	
MDS 1480	Healthcare Informatics	15.00			
			90.00	0	260.00

350.00

Quarter 4 10 Weeks	Number	Name	Lecture Contact Hours	Lab Contact Hours	Clinical Extern Contact Hours
	MDS 2410	QA of Equipment	15.00		
MDS 2420	Complex Planning II - SBRT/SBRS	15.00			
MDS 2480	Professional Capstone I	10.00			
MDS 1490	Clinical Education II			320.00	
			40.00	0.00	320.00

360.00

Quarter 5 10 Weeks	Number	Name	Lecture Contact Hours	Lab Contact Hours	Clinical Extern Contact Hours
	MDS 2580	Professional Capstone II	10.00		
MDS 2590	Clinical Education III			320.00	

10.00 0.00 320.00

330.00

Quarter 6
10 Weeks

Number	Name	Lecture Contact Hours	Lab Contact Hours	Clinical Extern Contact Hours
MDS 2690	Clinical Education IV			350.00
		0.00	0.00	350.00

350.00

Registry
Review

Number	Name	Lecture Contact Hours	Lab Contact Hours	Clinical Extern Contact Hours
MDS 2795	Board Review	48.00		
		48.00	0.00	0.00

48.00

Total Credits 0.00
 Total Didactic/Lecture Hours 558.00
 Total Lab Hours 80.00
 Total Clinical Hours 1250.00
 Total Program Hours 1888.00