

Medical Dosimetry Curriculum
(Radiation Therapist Track) 2016-2017

During the 15-month Certificate Program in Medical Dosimetry, students take formal classes along with instruction in a clinical setting. This includes participation, under close supervision, in the actual procedures within the Radiation Medicine Department. The program is full-time (40 hours per week) arranged around lectures and coordinated with participating clinical affiliates.

Fall Quarter - Year One

RTMD 309	Radiation Therapy Core Concepts Review	1
RTMD 355	Physical Principles of Radiation Therapy I	3
RTMR 334	Cross-sectional Radiographic Anatomy	2
RTMD 971	Practicum (30hr/week)	1
RTMD 310	Applied Math in Radiation Therapy	1

Winter Quarter - Year One

RTMD 356	Physical Principles of Radiation Therapy II	3
RTMD 972	Practicum (30hr/week)	1

Spring Quarter - Year One

RTMD 301	Treatment Planning I	2
RTMD 307	Principles of Brachytherapy	2
RTSI 369	CT Physics	2
RTMD 973	Practicum (30hr/week)	1

Summer Quarter - Year One

RTMD 302	Treatment Planning II	2
RTMD 314	Quality Assurance with Lab	2
RTMD 974	Practicum (30 hr/week)	1

Fall Quarter – Year Two

RTMD 305	Special Topics	2
RELF 457	Christian Ethics in Healthcare	2
RTMD 975	Practicum (30hr/week)	1

TOTAL UNITS

29