



## Medical Dosimetry Curriculum

### (Radiation Therapist Track)

**2015-2016**

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

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**RTTTOTAL UNITS**

**29**