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