Medical Dosimetry Curriculum  
(BS Physics/Math Track)

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**
- RTTH 344  Radiation Therapy Procedures  2
- RTMD 355  Physical Principles of Radiation Therapy I  3
- RTMR 285  Principles of Radiography I  3
- RTMR 334  Cross-sectional Radiographic Anatomy  2
- RTTH 364  Radiation Oncology  2
- RTMD 961  Practicum (24hr/week)  1

**Winter Quarter - Year One**
- RTTH 365  Radiation Oncology II  2
- RTMD 356  Physical Principles of Radiation Therapy II  3
- RTTH 332  Radiation Biology  2
- RTMD 962  Practicum (24hr/week)  1

**Spring Quarter - Year One**
- RTMD 301  Treatment Planning I  2
- RTMD 307  Principles of Brachytherapy  2
- RTSI 369  CT Physics  2
- RTTH 366  Radiation Oncology III  2
- RTMD 963  Practicum (24hr/week)  1

**Summer Quarter - Year One**
- RTMD 302  Treatment Planning II  2
- RTMD 314  Quality Assurance with Lab  2
- RTMD 964  Practicum (30 hr/week)  1

**Fall Quarter – Year Two**
- RTMD 305  Special Topics  2
- RELF 457  Christian Ethics in Healthcare  2
- RTMD 965  Practicum (35hr/week)  1

TOTAL UNITS 40