

# RADIATION ONCOLOGY (ROC)

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**ROC 125 Pre-Clinical Techniques in Radiation Oncology (2 CR.)**

Focuses on basic technical skills in preparation for patient set up and treatment in the clinical setting. Emphasizes simulation and treatment parameters. Focuses on students gaining basic understanding of basic techniques and patient care skills through phantom and lab work prior to direct patient contact. Lecture 2 hours per week.

**ROC 131 Clinical Clerkship I (4 CR.)**

Introduces student to clinical setting and the basics of radiation oncology. Covers basic technical and patient care skills through supervised direct patient contact and phantom work. Lecture 1 hour. Laboratory 15 hours. Total 16 hours per week.

**ROC 132 Clinical Clerkship II (5 CR.)**

Continues supervised direct patient contact and phantom work with focus on technical skills related to equipment manipulation. With minimal assistance the student should be able to perform basic treatment and simulation procedures as well as patient care skills. Clinical 25 hours per week.

**Prerequisite(s)** ROC 131

**ROC 231 Clinical Clerkship III (5 CR.)**

Introduces student to intermediate and complex treatment and simulation procedures as well as dosimetry, beam modification devices and brachytherapy competencies. Students should demonstrate proficiency in equipment manipulation and intermediate care skills. Laboratory 25 hours per week.

**Prerequisite(s)** ROC 132

**ROC 232 Clinical Clerkship IV (5 CR.)**

Students perform intermediate procedures with minimal assistance and demonstrate comprehension of tasks related to complex procedures. During this clerkship the student should demonstrate the ability to work more independently. Laboratory 25 hours per week.

**Prerequisite(s)** ROC 231