

# RADX204 : Radiation Biology and Protection

This course offers a study of the biological effects of ionizing radiation and radiation protection to ensure the safe use of x-rays in diagnostic imaging. Radiation effects on molecules, cells, living tissue and the body as a whole are presented. Factors affecting biological response, including acute and chronic effects of radiation. Radiation health and safety requirements of federal regulatory agencies, accreditation agencies and health organization are incorporated.

**Credits** 2

**Lecture Hours** 2

**Lab/Clinical/Field Study Hours** 0

**Prerequisite Courses**

RADX201: Clinical Radiography III

**Corequisites**

RADX202, RADX203, RADX206

**Semester Offered**

Fall