
RAD112 : Radiation Biology and Protection

Content provides an overview of the principles of the interaction of radiation with living systems. Radiation effects on molecules, cells, tissues, and the body as a whole are presented. Factors affecting biological response are presented, including acute and chronic effects of radiation. Content also presents an overview of the principles of radiation protection, including the responsibilities of the radiographer for patients, personnel, and the public. Radiation health and safety requirements of federal and state regulatory agencies, accreditation agencies and health care organizations are incorporated.

Credits	4
Clock Hours	50
Lab Hours	20
Lecture Hours	30
Prerequisites	AHP214 , RAD103