




Design Features of Research Nuclear Reactors	Radiation Chemistry	Radiation Ecology
<ul style="list-style-type: none"> • Purpose of research reactors • Design features of nuclear facility: reactor, pumps, heat exchangers, etc. • Main technological parameters of a nuclear facility 	<ul style="list-style-type: none"> • Radiation chemistry. Basic concepts in radiation chemistry • Radiolysis of water. The mechanism of formation of a hydrated electron • Radiolysis of organic substances, gases, solids and polymers 	<ul style="list-style-type: none"> • Natural radioactivity • Technogenic radionuclides in terrestrial environments: migration in soil-plant-animal system • Management of radioactively contaminated territories: principles, experience, practical exercises
		
<p style="text-align: center;"> Dr Roman V. FOMIN Associate Professor </p>	<p style="text-align: center;"> Dr Tatiana V. MELNIKOVA Associate Professor </p>	<p style="text-align: center;"> Dr Alla A. OUDALOVA Professor </p>