

# Curriculum System for Medical Imaging Technology

General education and pre-medical education	General education (1 <sup>st</sup> and 2 <sup>nd</sup> academic year) Humanities and social sciences, natural sciences	Combination of Basic Nutrition and Clinical Nutrition	Integration of Scientific Research Training and Medical Practice	Cultivation of Humanism and Professionism
	Pre-medical courses (1 <sup>st</sup> and 2 <sup>nd</sup> academic year) University English, Medical Physics, Medical Advanced Mathematics, Programming, Medical Literature Retrieval and Utilization, Physical Education...			
Basic biomedical sciences	Introduction to Human Health and Disease (1 <sup>st</sup> and 2 <sup>nd</sup> academic year) Normal Human Structure, Foundations of Disease, Medical Statistics, Outlines for Clinical Medicine			
Subject courses	Subject Courses(3 <sup>th</sup> academic year) Human <del>tomographic</del> <b>sectional</b> anatomy, medical imaging anatomy, medical imaging equipment, medical imaging technology, medical imaging diagnostics, Interventional Radiology, medical image processing, Principles of Medical Imaging, Nuclear Medicine, Radiation Physics and <del>Radiation</del> Protection, Radiotherapy Technology, Outline of Biomedical Engineering, Advances in Medical Imaging, Outline of Clinical Medicine, Medical Imaging English			
Subject skills	Subject internship (4 <sup>th</sup> academic year) 36 weeks in the department of Radiology, ultrasonography, and nuclear medicine; and 12 weeks in imaging equipment company			
	Scientific Research Training; Academic Thesis (4 <sup>th</sup> academic year)			