Graduate School of Biomedical Science and Engineering

Master's Program　　Carriculum Table

Category		Subject	Credit	Type
Common Required Subjects		Introduction for Cooperation in Biomedical Science and Engineering	2	Lecture
		Research and Development of Medical Devices	1	Lecture
		Advanced Course of Medical Device Clinical Research	1	Lecture
		General Research on Biomedical Science and Engineering I	2	Seminar
		General Research on Biomedical Science and Engineering II	8	Laboratory work/ Practical training
Required Subjects	Course of Quantum Biomedical Science and Engineering	Radiation Physics for Biomedical Science and Engineering	2	Lecture
		Particle Therapy Physics	2	Lecture
		Physics and Engineering for Radiation Therapy	2	Lecture
	Course of Molecular Biomedical Science and Engineering	Diagnostic Radiology for Biomedical Science and Engineering	2	Lecture
		Basic Physics for Diagnostic Radiology and Nuclear Medicine	2	Lecture
		Functional imaging and therapeutics in Biomedical Science and Engineering	2	Lecture
Elective Subjects		Physics for Biomedical Science and Engineering	2	Lecture
		Radiologic Anatomy for Biomedical Science and Engineering	1	Lecture
		Introduction to Biomedical Science and Engineering Research	1	Lecture
		Research planning for Biomedical Science and Engineering Research	1	Lecture
		Radiation Protection for Biomedical Science and Engineering	2	Lecture
		Information Programming Advanced Course	1	Lecture
		Biomedical Human System Engineering	2	Lecture
		Nuclear Physics I for Biomedical Science and Engineering	2	Lecture
		Nuclear Physics II for Biomedical Science and Engineering	2	Lecture
		Special Lecture of Nuclear Physics for Biomedical Science and Engineering I	1	Lecture
		Special Lecture of Nuclear Physics for Biomedical Science and Engineering II	1	Lecture
		Applied Physics for Biomedical Science and Engineering	2	Lecture
		Radiation Measurement in Clinical Practice	2	Lecture
		Medical Informatics and Information Engineering	1	Lecture
		Image Processing for Biomedical Science and Engineering	2	Lecture
		Accelerator Science for Biomedical Science and Engineering	2	Lecture
		Medical Physics School	2	Lecture
		Radiation Biology	1	Lecture
		Radiation Oncology for Cooperation with Biomedical Science and Engineering	2	Lecture
		Basic Physics for Radiation Therapy	2	Lecture
		Molecular Tumor Pathology	2	Lecture
		Molecular Tumor Therapeutics	2	Lecture
		Advanced Physics for Diagnostic Radiology and Nuclear Medicine	2	Lecture
		Special Seminar on Biomedical Science and Engineering	1	Seminar
		Statistics for Biomedical Science and Engineering	1	Lecture
		Medical Imaging Informatics	1	Lecture
		Molecular Biomedical Science and Diagnosis School	2	Lecture
		Numerical simulation	2	Seminar