

Graduate School (Doctor's Program) Subject's & Staff

Division	Course	Subject	Method (Lecture or Exercise or Practice)	Grade	Term		Credits	Class (1 credits Lecture 15h, Exercise 15h, Practice 30h)	Elective/ Required/ semi-obligatory subjects	I n s t r u c t o r	
					the First	the Second					
Biological Information Science	common	Basic Science Fundamentals & Multidisciplinary Seminars	Lecture	1	All		6	90	Required	◎Tooyama, Aiura, Gotoh, Mera, Hirata, Isono, Furukawa	
		Technical Seminar	Exercise	1	All		2	30	Required	◎Isono, Mera, Kawakita, Furukawa	
		Bioethics and Medical Ethics	Lecture	1	All		1	15	Required	◎Muroji, Aiura, Kaneshige, I.Morita, Furukawa, Hitosugi, Mukaisho	
		Fundamentals of epidemiology and medical statistics	Lecture	1	All		1	15	Required	◎Miura, Taoda, Kawakita, Komori,	
Fusion seminar for basic and medicine	common	Seminar to integrate basic medicine and surgery	Exercise	2	All		2	30	semi-obligatory subjects	◎M.Tani, Naka, Shiino, Mera, Asai, S.Imai, Nozaki, Nakazawa, Tsuji, G.Yamamoto, Eguchi, Kurumi, T.Shimizu, Okano, Hayashi	
		Seminar on Basic Medical and Internal Medicine	Exercise	2	All		2	30	semi-obligatory subjects	◎Horie, Agata, Ogita, T.Ishida, Ueyama, H.Kojima, Okamura, Imamura, Matsuura, Omatsu, Andoh, Maegawa, Uzu, Tsujikawa, Daigo, Furukawa, Terashima, T.Terada	
		Pediatrics (Pediatric Neurology, Epileptology)	Exercise	2	All		2	30	semi-obligatory subjects	◎Takeuchi, Udagawa, Takano, Goto, Y.Ito, Matsuura	
		Seminar on Basic Medical Science and Gerontology	Exercise	2	All		2	30	semi-obligatory subjects	◎Tooyama, Nishimura, Aimi, Hitoshi, Koyama, Furukawa, Udagawa	
		joint-seminar for molecular basis of Lifestyle -related diseases —	Exercise	2	All		2	30	semi-obligatory subjects	◎Maegawa, Miura, Taoda, Horie, Uzu, Ogita, Imamura, Hayashi	
		Fusion seminar for basic science and oncology	Exercise	2	All		2	30	semi-obligatory subjects	◎Daigo, Sugihara, Mukaisho, Ogasawara, Y.Ito, Inoue, Andoh, Terada	
Course Subjects	Advanced	Pioneer seminar	Exercise	1	All		2	30	Required	◎Gotoh, Hitoshi, Ema, Naka, H.Kojima	
		Frontier Medical Research Method	Practise	1	All		2	60	Required	◎Isono, Naka, Kurumi, Terashima	
	Clinicians	Clinical Research	Lecture	1	All		2	30	Required	◎Andoh, Horie, Maegawa, Asai, Naka	
		Skills for epidemiology and medical statistics	Practise	1	All		1	30	Required	◎Miura, Kawakita	
		Medical Ethics and Law	Lecture	1	All		1	15	Required	◎Kutsumi, Tooyama, Muroji, H.Kojima, Kaneshige, I.Morita, Furukawa, Hitosugi	
	Interdisciplinary Medical Science and Innovation Course	Basic medical science	Basic medical science	Lecture	1	First		1	15	semi-obligatory subjects	◎Tooyama, Matsuura, Hitoshi, Omatsu, Koyama
			Clinical Medicine	Lecture	1		Second	1	15	semi-obligatory subjects	◎Andoh, Horie, Maegawa, Furukawa
			Practice for the Cooperative Research of Medicine and Engineering	Practice	1	First		1	30	semi-obligatory subjects	◎Naka, T.Tani, Komori, Y.Sugimoto
			Biomedicine	Lecture	1		Second	1	15	semi-obligatory subjects	◎Goto, Inoue, Tooyama
			Genome Science	Lecture	1	First		1	15	semi-obligatory subjects	◎Tooyama, H.Kojima, Agata, Maruo
			Bioinformatics	Lecture	1		Second	1	15	semi-obligatory subjects	◎Tooyama, Komori, Mera, Nagata, Y.Sugimoto, Seto
			Introduction to Medical Innovation	Lecture	1	First		1	15	semi-obligatory subjects	◎Naka, Nagata, Komori, Narita
			Strategy for intellectual property	Lecture	1		Second	1	15	semi-obligatory subjects	◎M.Matsuura, Naka, Tooyama
Functional Analysis of Ion Channel			Lecture	1	First		1	15	semi-obligatory subjects	◎H.Matsuura, Horie	
Elective Subjects	Advanced Medical Science	Medical Imaging	Practice	2~3	All		4(2·2)	120	Elective	◎Murata, Nitta, Y.Sugimoto, Furukawa, Ito, Ohta	
		Biomedical Magnetic Resonance	Practice	2~3	All		4(2·2)	120	Elective	◎Shiino, Murata, Itoh	
		Cellular Physiology Practice	Practice	2~3	All		4(2·2)	120	Elective	◎Matsuura, Agata, Omatsu, Maegawa, Ogita, Mera, Nagakubo, T.Terada	
		Practice on Molecular Cell Biology	Practice	2~3	All		4(2·2)	120	Elective	◎Ogita, Agata, Hirata, Goto, Inoue, Nagakubo, Ema, Terashima, T.Terada	
		Regulation of Gene Expression	Practice	2~3	All		4(2·2)	120	Elective	◎Agata, Ueyama, Goto, H.Kojima, Hirata, Nagakubo, Terashima, T.Terada	
		Molecular Neuroanatomy	Practice	2~3	All		4(2·2)	120	Elective	◎Aimi, Tooyama, Matsuo, Udagawa	
		Neuroscience practice	Practice	2~3	All		4(2·2)	120	Elective	◎Koyama, Aimi, Ohji, Nishida, T.Shimizu	
		Advanced Legal Medicine	Practice	2~3	All		4(2·2)	120	Elective	◎Furukawa, Tooyama, Nishimura, Hitosugi	
		Neuropathology	Practice	2~3	All		4(2·2)	120	Elective	◎Tooyama, Nishimura, Takeuchi, Takano, Maruo, Shiino, Taga, Terashima	
		Molecular Psychiatry	Practice	2~3	All		4(2·2)	120	Elective	◎Yamada, Kadotani, M.Takahashi, Matsuo	
		Practice of sleep psychiatry	Practice	2~3	All		4(2·2)	120	Elective	◎Yamada, Kadotani, M.Takahashi, Matsuo	

◎ : Chief academic member

Academic Plans

"During 1st, 2nd , and 3rd years, 30 credits or more should be acquired as follows:

10 credits of common obligatory subjects, 4 credits of semi-obligatory subjects, and 4 credits of obligatory and semi-obligatory subjects in course subjects. And 12 credits or more of elective subjects."

Graduate School (Doctor's Program) Subject's & Staff

Division	Course	S u b j e c t	Method (Lecture or Exercise or Practice)	Grade	Term		Credits	Class (1 credits Lecture 15h, Exercise 15h, Practice 30h)	Elective/ Required/ semi-obligatory subjects	I n s t r u c t o r
					the First	the Second				
E I E C T I V E S U B J E C T S	Advanced Medical Science	Visual pathophysiology	Practice	2~3	All	4(2+2)	120	Elective	◎Ohji, Nishida, Ueyama, Nagata	
		Practice of immune regulation	Practice	2~3	All	4(2+2)	120	Elective	◎Ogasawara, Goto, Inoue, Y.Ito, T.Shimizu, Andoh, Hodohara, Tanaka, Fujii, Fujimoto, Hirata, Nagakubo, Kito	
		Endocrinology	Practice	2~3	All	4(2+2)	120	Elective	◎H.Kojima, K.Takahashi, Matsumura	
		Reproductive Physiology	Practice	2~3	All	4(2+2)	120	Elective	◎K.Takahashi, Ema, Nakamura	
		Pernatology	Practice	2~3	All	4(2+2)	120	Elective	◎Murakami, Kita, K.Takahashi, Udagawa, Takano	
		Developmental Biotechnology Practice	Practice	2~3	All	4(2+2)	120	Elective	◎Hitoshi, Okano, Nakamura, H.Kojima, Terashima	
		Stem Cell Biology Practice	Practice	2~3	All	4(2+2)	120	Elective	◎Hitoshi, Sugihara, Udagawa, Imamura, Ema	
		Practice medical of oncology	Practice	2~3	All	4(2+2)	120	Elective	◎Daigo, Terada, Ogita, Chano, Inoue, Isono, Sugihara, Mekata, Mukaisho, S.Morita, S.Murata	
		Practice for pathological approaches to diseases	Practice	2~3	All	4(2+2)	120	Elective	◎Sugihara, Ogasawara, Goto, Mukaisho, Y.Ito, Inoue	
		Laboratory Animal Science Practice	Practice	2~3	All	4(2+2)	120	Elective	◎Ema, Nakamura	
		Brain Function Control Practice	Practice	2~3	All	4(2+2)	120	Elective	◎Nozaki, Shiino, Nakazawa, Fukami, Tsuji, Nishimura, Terashima, Seto	
		Cardiology Control	Practice	2~3	All	4(2+2)	120	Elective	◎Horie, Asai, Y.Sugimoto, Tsujita, Ohnishi, Suzuki, Hayashi	
		Primary Care Medicine	Practice	2~3	All	4(2+2)	120	Elective	◎Furukawa, T.Sugimoto	
		Practical training in respiratory medicine	Practice	2~3	All	4(2+2)	120	Elective	◎Nakano, Murata, Goto, Miyazaki, Ogawa	
		Oral and Maxillofacial Surgery	Practice	2~3	All	4(2+2)	120	Elective	◎G.Yamamoto, Higo, T.Shimizu	
		Surgical Management of Head and Neck Lesions	Practice	2~3	All	4(2+2)	120	Elective	◎T.Shimizu, Owaki, Kohzaki	
		Gastroenterology	Practice	2~3	All	4(2+2)	120	Elective	◎Andoh, Tsujikawa, Kurumi, Sasaki, M.Tani, Naka, H.Yamamoto, Mukaisho, S.Murata	
		Skin Transplantation and Reconstructive Surgery	Practice	2~3	All	4(2+2)	120	Elective	◎Tanaka, Fujii, Fujimoto, Kato	
		Pain Medicine	Practice	2~3	All	4(2+2)	120	Elective	◎Fukui, Kitagawa, Koyama	
		Renal and urologic disease control practice	Practice	2~3	All	4(2+2)	120	Elective	◎Kawauchi, Narita, Uzu, Johnin, Kageyama	
		Molecular Pharmacology (Practice)	Practice	2~3	All	4(2+2)	120	Elective	◎Okamura, Imamura, Maegawa, Terada, Eguchi, Matsumura, Seto	
		Pharmaceutics	Practice	2~3	All	4(2+2)	120	Elective	◎Terada, M.Morita	
		Practice of epidemiologic research	Practice	2~3	All	4(2+2)	120	Elective	◎Miura, Taoda, Kawakita	
		Practice on Gender	Practice	2~3	All	4(2+2)	120	Elective	◎Omatu, Muroji, Kaneshige, I.Morita	
		Nutritional Science	Practice	2~3	All	4(2+2)	120	Elective	◎Sasaki, Tujikawa, Terada, M,Tani	
		Advanced Medicine for Clinicians Course	Legal Medicine	Practice	2~3	All	4(2+2)	120	Elective	◎Hitosugi, Furukawa
			Cardiovascular and Respiratory Medicine	Practice	2~3	All	4(2+2)	120	Elective	◎Horie, Y.Sugimoto, Nakano, Ogawa, T.Yamamoto, Ohnishi, Hayashi
			Gastroenterology, Hematology	Practice	2~3	All	4(2+2)	120	Elective	◎Andoh, Hodohara, Tsujikawa, Saotome, Sasaki, Kito
Endocrinology & Metabolism, Nephrology and Neurology	Practice		2~3	All	4(2+2)	120	Elective	◎Maegawa, Uzu, Kawai, Ugi		
Pediatrics (Pediatric Neurology, Epileptology)	Practice		2~3	All	4(2+2)	120	Elective	◎Takeuchi, Takano		
Psychiatry	Practice		2~3	All	4(2+2)	120	Elective	◎Yamada, Kkadotani, M.Takahashi, Matsuo		
Dermatology	Practice		2~3	All	4(2+2)	120	Elective	◎Tanaka, Fujii, Fujimoto, Kato		
Advanced studies of gastrointestinal surgery & general surgery	Practice		2~3	All	4(2+2)	120	Elective	◎M.Tani, Kurumi, Naka, H.Yamamoto, Mekata, S.Murata		
Cardiovascular and Thoracic Surgery	Practice		2~3	All	4(2+2)	120	Elective	◎Asai, Tezuka, Suzuki, Hanaoka		
Orthopaedic Surgery	Practice		2~3	All	4(2+2)	120	Elective	◎S.Imai, Kawasaki, Mori		

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Academic Plans

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					the First	the Second				
E l e c t i v e S u b j e c t s	Advanced Medicine for Clinicians Course	Neurosurgical Practice	Practice	2~3	All		4(2·2)	120	Elective	◎Nozaki, Shiino, Nakazawa, Fukami, Tsuji
		Otorhinolaryngology-Head and Neck Surgery	Practice	2~3	All		4(2·2)	120	Elective	◎T.Shimizu, Owaki, Kohzaki
		Obstetrics and Gynecology	Practice	2~3	All		4(2·2)	120	Elective	◎Murakami, Kita, F.Kimura, K.Takahashi
		Urologic practice	Practice	2~3	All		4(2·2)	120	Elective	◎Kawauchi, Narita, Johnin, Kageyama
		Ophthalmology	Practice	2~3	All		4(2·2)	120	Elective	◎Ohji, Nishida, Kawamura, Muraki
		Anesthesiology	Practice	2~3	All		4(2·2)	120	Elective	◎Kitagawa, Fukui, Seto
		Radiology	Practice	2~3	All		4(2·2)	120	Elective	◎Murata, Nitta, Itoh, Ohta
		Family Medicine	Practice	2~3	All		4(2·2)	120	Elective	◎Andoh, Furukawa, T.Sugimoto, Sasaki
		Oral and Maxillofacial Suregery	Practice	2~3	All		4(2·2)	120	Elective	◎G.Yamamoto, Higo
		Clinical Cancer	Practice	2~3	All		4(2·2)	120	Elective	◎Daigo, Andoh, Kushima, Chano, Terada, Morita, Sugihara, Mukaisho, Ogasawara, Ito
		Clinical Laboratory Medicine	Practice	2~3	All		4(2·2)	120	Elective	◎Chano, Kushima, Ishida
		Critical and Intensive Care Medicine	Practice	2~3	All		4(2·2)	120	Elective	◎Eguchi, Matsumura, Tsujita, Tabata, K.Takahashi, Saotome
		Diagnostic pathology	Practice	2~3	All		4(2·2)	120	Elective	◎Ishida, Kushima, Mukaisho
		Clinical Pharmacy	Practice	2~3	All		4(2·2)	120	Elective	◎Terada, S.Morita
	Advanced laboratory examination technology	Practice	2~3	All		4(2·2)	120	Elective	◎Chano, Kushima, Ishida	
	Interdisciplinary Medical Science and Innovation Course	Practice in Medical Imaging Technology	Practice	2~3	All		4(2·2)	120	Elective	◎Komori, Y.Sugimoto, Kawakita, Itoh
		Bioinformatics	Practice	2~3	All		4(2·2)	120	Elective	◎Nagata, Komori, Y.Sugimoto, Kawakita, Mera
		Industrial Health	Practice	2~3	All		4(2·2)	120	Elective	◎Taoda, Miura,
		Developmental and functional anatomy	Practice	2~3	All		4(2·2)	120	Elective	◎Udagawa, Okano, Matsuura, Omatsu, Tooyama
		Regenerative Medicine Practice	Practice	2~3	All		4(2·2)	120	Elective	◎Hitoshi, Ema, Nakamura, H.Kojima, Imamura, Terashima
		Reproductive Technology	Practice	2~3	All		4(2·2)	120	Elective	◎T.Murakami, Kita, F.Kimura, K.Takahashi
		Genetic Engineering Practice	Practice	2~3	All		4(2·2)	120	Elective	◎Goto, H.Kojima, Tooyama, Hirata, Agata, Ueyama, Isono, Nagakubo, Imamura, Terashima
		Interdisciplinary pain management	Practice	2~3	All		4(2·2)	120	Elective	◎Fukui, Kitagawa, Kawasaki
		System Physiology Practice	Practice	2~3	All		4(2·2)	120	Elective	◎Matsuura, Omatsu, Seto
		Tissue Engineering for Bone, Cartilage and soft Tissue	Practice	2~3	All		4(2·2)	120	Elective	◎S.Imai, Kawasaki, Mori
		Biomaterial	Practice	2~3	All		4(2·2)	120	Elective	◎Naka, T.Tani
Medical Optical Engineering		Practice	2~3	All		4(2·2)	120	Elective	◎Ohji, Nishida, Nagata	
Robotics	Practice	2~3	All		4(2·2)	120	Elective	◎Kawauchi, Nagata, Y.Sugimoto		
Artificial Organs and Tissue Enginnering	Practice	2~3	All		4(2·2)	120	Elective	◎Kawauchi, Y.Sugimoto		
Neuroscience Research	Practice	2~3	All		4(2·2)	120	Elective	◎Tooyama, Nishimura, Shiino		

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Schedule (Doctor's Program)

Secondsemester (fifteen weeks) of the first year or the second year or the third year

Monday	all the common	Technical Seminars Lecture 1 credit (The dates and the subjects matters of lectures will be notified separately.)		Basic Science Fundamentals & Multidisciplinary Seminars (17:40~19:20) Lecture:6 credits (The dates and the subjects matters of lectures will be notified separately.)			Seminar to integrate basic medicine and surgery Exercise 2 credits (The dates and the subjects matters of lectures will be notified separately.)		備考
		Bioethics and Medical Ethics (17:40~19:20) Lecture 1 credit (The dates and the subjects matters of lectures will be notified separately.)					Seminar on Basic Medical and Internal Medicine Exercise 2 credits (The dates and the subjects matters of lectures will be notified separately.)		
Fundamentals of epidemiology and medical statistics (17:40~19:20) Lecture 1 credit (The dates and the subjects matters of lectures will be notified separately.)		Pediatrics (Pediatric Neurology, Epileptology) Exercise 2 credits (The dates and the subjects matters of lectures will be notified separately.)							
		Seminar on Basic Medical Science and Gerontology Exercise 2 credits (The dates and the subjects matters of lectures will be notified separately.)							
		Joint-seminar for molecular basis of Lifestyle -related diseases Exercise 2 credits (The dates and the subjects matters of lectures will be notified separately.)							
		Fusion seminar for basic science and oncology Exercise 2 credits (The dates and the subjects matters of lectures will be notified separately.)							
day	Hour	1	2	3	4	5	6	7	
		8:50~10:20	10:30~12:00	13:00~14:30	14:40~16:10	16:20~17:50	18:00~19:30	19:40~21:10	
Tuesday	Advanced Medical Science Course	Medical Imaging Practice 4(2・2)credit(4h×15W)		Biomedical Magnetic Resonance Practice 4(2・2)credits(4h×15W)		Pioneer seminar Exercise2credits(4h×8W)			
	Advanced Medicine for Clinicians Course	Legal Medicine Practice 4(2・2)credit(4h×15W)		Skills for epidemiology and medical statistics Practicelcredits(2h×15W)	Cardiovascular and Respiratory Medicine Practice 4(2・2)credits(4h×15W)		Gastroenterology. Hematology Practice 4(2・2)credits(4h×15W)		
	Interdisciplinary Medical Science and Medical Innovation Course	Basic medical science Lecture1credit(2h×15W)			Practice in Medical Imaging Technology Practice 4(2・2)credits(4h×15W)		Bioinformatics Practice 4(2・2)credits(4h×15W)		
Wednesday	Advanced Medical Science Course	Cellular Physiology Practice Practice 4(2・2)credit(4h×15W)		Practice on Molecular Cell Biology Practice 4(2・2)credits(4h×15W)		Regulation of Gene Expression Practice 4(2・2)credits(4h×15W)			
	Advanced Medicine for Clinicians Course	Endocrinology & Metabolism, Nephrology and Neurology Practice 4(2・2)credit(4h×15W)		Pediatrics (Pediatric Neurology, Epileptology) Practice 4(2・2)credits(4h×15W)		Psychiatry Practice 4(2・2)credits(4h×15W)			
	Interdisciplinary Medical Science and Medical Innovation Course			Practice for the Cooperative Research of Medicine and Engineering Practicelcredits(2h×15W)	Industrial Health Practice 4(2・2)credits(4h×15W)				
Thursday	Advanced Medical Science Course	Molecular Neuroanatomy Practice 4(2・2)credit(4h×15W)		Neuroscience practice Practice 4(2・2)credits(4h×15W)		Advanced Legal Medicine Practice 4(2・2)credits(4h×15W)			
	Advanced Medicine for Clinicians Course	Skin Transplantation and Reconstructive Surger Practice 4(2・2)credit(4h×15W)		Advanced studies of gastrointestinal surgery & general surgery Practice 4(2・2)credits(4h×15W)		Medical Ethics and Low Lecture1credits(2h×15W)	Cardiovascular and Thoracic Surgery Practice 4(2・2)credits(4h×15W)		
	Interdisciplinary Medical Science and Medical Innovation Course	Developmental and functional anatomy Practice 4(2・2)credit(4h×15W)		Regenerative Medicine Practice Practice 4(2・2)credits(4h×15W)		Genome Science Lecture1credits(2h×8W)			
Friday	Advanced Medical Science Course	Neuropathology Practice 4(2・2)credit(4h×15W)		Moelcular Psychiatry Practice 4(2・2)credits(4h×15W)		Practice of sleep psychiatry Practice 4(2・2)credits(4h×15W)			
	Advanced Medicine for Clinicians Course	Orthopaedic Surgery Practice 4(2・2)credit(4h×15W)		Neurosurgical Practice Practice 4(2・2)credits(4h×15W)		Otorhinolaryngology-Head and Neck Surgery Practice 4(2・2)credits(4h×15W)			
	Interdisciplinary Medical Science and Medical Innovation Course	Reproductive Technology Practice 4(2・2)credit(4h×15W)		Introduction to Medical Innovation Lecture1credits(2h×8W)	Genetic Engineering Practice Practice 4(2・2)credits(4h×15W)				

Special lectures of medical comprehensive researches (special lectures for graduate school) are obligatory in all courses. The schedule of the intensive course will be notified separately.

The notices will be posted, as needed regarding the academic meetings, lectures and seminars that have accepted as special lectures of medical comprehensive researches.

Attendance reports should be submitted. A course of the 6 or 7th hour is opened after consulting with a member of society new student.

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		Bioethics and Medical Ethics (17:40~19:20) Lecture 1 credit (The dates and the subjects matters of lectures will be notified separately.)					Seminar on Basic Medical and Internal Medicine Exercise 2 credits (The dates and the subjects matters of lectures will be notified separately.)		
Fundamentals of epidemiology and medical statistics (17:40~19:20) Lecture 1 credit (The dates and the subjects matters of lectures will be notified separately.)		Pediatrics (Pediatric Neurology, Epileptology) Exercise 2 credits (The dates and the subjects matters of lectures will be notified separately.)							
day	Hour	1	2	3	4	5	6	7	
		8:50~10:20	10:30~12:00	13:00~14:30	14:40~16:10	16:20~17:50	18:00~19:30	19:40~21:10	
Tuesday	Advanced Medical Science Course	Visual pathophysiology Practice 4(2·2)credit(4h×15W)			Practice of immune regulation Practice 4(2·2)credits(4h×15W)		Endocrinology Practice 4(2·2)credits(4h×15W)		
	Advanced Medicine for Clinicians Course	Obstetrics and Gynecology Practice 4(2·2)credit(4h×15W)		Skills for epidemiology and medical statistics Practicelcredits(2h×15W)	Urologic practice Practice 4(2·2)credits(4h×15W)		Ophthalmology Practice 4(2·2)credits(4h×15W)		
	Interdisciplinary Medical Science and Medical Innovation Course	Clinical Medicine Lecture1credit(2h×8W)			System Physiology Practice Practice 4(2·2)credits(4h×15W)				
Wednesday	Advanced Medical Science Course	Reproductive Physiology Practice 4(2·2)credit(4h×15W)		Pernatology Practice 4(2·2)credits(4h×15W)		Developmental Biotechnology Practice Practice 4(2·2)credits(4h×15W)			
	Advanced Medicine for Clinicians Course	Anesthesiology Practice 4(2·2)credit(4h×15W)		Clinical Research Lecture 2 credits(2h×15W)	Radiology Practice 4(2·2)credits(4h×15W)		Family Medicine Practice 4(2·2)credits(4h×15W)		
	Interdisciplinary Medical Science and Medical Innovation Course	Tissue Engineering for Bone, Cartilage and soft Tissue Practice 4(2·2)credit(4h×15W)		Biomedicine Lecture1credits(2h×15W)	Biomaterial Practice 4credits(2·2)(4h×15W)				
Thursday	Advanced Medical Science Course	Stem Cell Biology Practice Practice 4(2·2)credit(2h×15W)		Practice medical of oncology Practice 4(2·2)credits(2h×15W)		Practice for pathological approaches to diseases Practice 4(2·2)credits(2h×15W)			
	Advanced Medicine for Clinicians Course	Oral and Maxillofacial Suregery Practice 4(2·2)credit(2h×15W)		Clinical Laboratory Medicine Practice 4(2·2)credits(2h×15W)			Critical and Intensive Care Medicine Practice 4(2·2)credits(2h×15W)		
	Interdisciplinary Medical Science and Medical Innovation Course		Bioinformatics Lecture1credit(2h×8W)	Medical Optical Engineering Practice 4(2·2)credits(2h×15W)					
Friday	Advanced Medical Science Course	Laboratory Animal Science Practice Practice 4(2·2)credit(4h×15W)		Brain Function Control Practice Practice 4(2·2)credits(4h×15W)					
	Advanced Medicine for Clinicians Course	Diagnostic pathology Practice 4(2·2)credit(4h×15W)		Clinical Pharmacy Practice 4(2·2)credits(4h×15W)		Advanced laboratory examination technology Practice 4(2·2)credits(4h×15W)			
	Interdisciplinary Medical Science and Medical Innovation Course	Robotics 4credit(2·2)credit(2h×15W)		Artificial Organs and Tissue Enginnering Practice 4(2·2)credits(4h×15W)		Strategy for intellectual property Lecture1credits(2h×8W)			

Special lectures of medical comprehensive researches (special lectures for graduate school) are obligatory in all courses. The schedule of the intensive course will be notified separately. The notices will be posted, as needed regarding the academic meetings, lectures and semianrs that have accepted as apecial lectures of medical comprehensive researches. Attendance reports should submitted. A course of the 6 or 7th hour is opened after consulting with a member of society new student.

Schedule (Doctor's Program)

Secondsemester (fifteen weeks) of the first year or
the second year or the third year

Monday	all the common	Technical Seminars Lecture 1 credit (The dates and the subjects matters of lectures will be notified separately.)		Basic Science Fundamentals & Multidisciplinary Seminars (17:40~19:20) Lecture:6 credits (The dates and the subjects matters of lectures will be notified separately.)					Seminar to integrate basic medicine and surgery Exersice 2 credits (The dates and the subjects matters of lectures will be notified separately.)		備 考
		Bioethics and Medical Ethics (17:40~19:20) Lecture 1 credit (The dates and the subjects matters of lectures will be notified separately.)							Seminar on Basic Medical and Internal Medicine Exersice 2 credits (The dates and the subjects matters of lectures will be notified separately.)		
Fundamentals of epidemiology and medical statistics (17:40~19:20) Lecture 1 credit (The dates and the subjects matters of lectures will be notified separately.)		Pediatrics (Pediatric Neurology, Epileptology) Exersice 2 credits (The dates and the subjects matters of lectures will be notified separately.)							Seminar on Basic Medical Science and Gerontology Exersice 2 credits (The dates and the subjects matters of lectures will be notified separately.)		
day	Hour	1	2	3	4	5	6	7			
		8:50~10:20	10:30~12:00	13:00~14:30	14:40~16:10	16:20~17:50	18:00~19:30	19:40~21:10			
Tuesday	Advanced Medical Science Course										
	Advanced Medicine for Clinicians Course										
	Interdisciplinary Medical Science and Medical Innovation Course	Basic medical science Lecture1credit(2h×8W)									
Wednesday	Advanced Medical Science Course										
	Advanced Medicine for Clinicians Course										
	Interdisciplinary Medical Science and Medical Innovation Course			Practice for the Cooperative Research of Medicine and EngineeringPractice Practice1credits(2h×8W)							
Thursday	Advanced Medical Science Course										
	Advanced Medicine for Clinicians Course										
	Interdisciplinary Medical Science and Medical Innovation Course		Genome Science Lecture 1 credit(2h×8W)								
Friday	Advanced Medical Science Course										
	Advanced Medicine for Clinicians Course										
	Interdisciplinary Medical Science and Medical Innovation Course				Introduction to Medical Innovation Lecture1credits(2h×8W)						

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day	Hour	1		2		3		4		5		6		7				
		8:50~10:20		10:30~12:00		13:00~14:30		14:40~16:10		16:20~17:50		18:00~19:30		19:40~21:10				
Monday	all the common	Technical Seminars Lecture 1 credit (The dates and the subjects matters of lectures will be notified separately.)		Basic Science Fundamentals & Multidisciplinary Seminars (17:40~19:20) Lecture:6 credits (The dates and the subjects matters of lectures will be notified separately.)												Seminar to integrate basic medicine and surgery Exercise 2 credits (The dates and the subjects matters of lectures will be notified separately.)		備考
		Bioethics and Medical Ethics (17:40~19:20) Lecture 1 credit (The dates and the subjects matters of lectures will be notified separately.)		Seminar on Basic Medical and Internal Medicine Exercise 2 credits (The dates and the subjects matters of lectures will be notified separately.)		Pediatrics (Pediatric Neurology, Epileptology) Exercise 2 credits (The dates and the subjects matters of lectures will be notified separately.)		Seminar on Basic Medical Science and Gerontology Exercise 2 credits (The dates and the subjects matters of lectures will be notified separately.)		Joint-seminar for molecular basis of Lifestyle -related diseases Exercise 2 credits (The dates and the subjects matters of lectures will be notified separately.)		Fusion seminar for basic science and oncology Exercise 2 credits (The dates and the subjects matters of lectures will be notified separately.)						
		Fundamentals of epidemiology and medical statistics (17:40~19:20) Lecture 1 credit (The dates and the subjects matters of lectures will be notified separately.)																
Tuesday	Advanced Medical Science Course	Visual pathophysiology Practice 4(2·2)credit(4h×15W)				Practice of immune regulation Practice 4(2·2)credits(4h×15W)		Endocrinology Practice 4(2·2)credits(4h×15W)										
	Advanced Medicine for Clinicians Course	Obstetrics and Gynecology Practice 4(2·2)credit(4h×15W)		Skills for epidemiology and medical statistics Practicelcredits(2h×15W)		Urologic practice Practice 4(2·2)credits(4h×15W)		Ophthalmology Practice 4(2·2)credits(4h×15W)										
	Interdisciplinary Medical Science and Medical Innovation Course	Clinical Medicine Lecture1credit(2h×8W)				System Physiology Practice Practice 4(2·2)credits(4h×15W)												
Wednesday	Advanced Medical Science Course	Reproductive Physiology Practice 4(2·2)credit(4h×15W)		Pernatology Practice 4(2·2)credits(4h×15W)		Developmental Biotechnology Practice Practice 4(2·2)credits(4h×15W)												
	Advanced Medicine for Clinicians Course	Anesthesiology Practice 4(2·2)credit(4h×15W)		Clinical Research Lecture 2 credits(2h×15W)		Radiology Practice 4(2·2)credits(4h×15W)		Family Medicine Practice 4(2·2)credits(4h×15W)										
	Interdisciplinary Medical Science and Medical Innovation Course	Tissue Engineering for Bone, Cartilage and soft Tissue Practice 4(2·2)credit(4h×15W)		Biomedicine Lecture1credits(2h×15W)		Biomaterial Practice 4credits(2·2)(4h×15W)												
Thursday	Advanced Medical Science Course	Stem Cell Biology Practice Practice 4(2·2)credit(2h×15W)		Practice medical of oncology Practice 4(2·2)credits(2h×15W)		Practice for pathological approaches to diseases Practice 4(2·2)credits(2h×15W)												
	Advanced Medicine for Clinicians Course	Oral and Maxillofacial Suregery Practice 4(2·2)credit(2h×15W)		Clinical Laboratory Medicine Practice 4(2·2)credits(2h×15W)		Critical and Intensive Care Medicine Practice 4(2·2)credits(2h×15W)												
	Interdisciplinary Medical Science and Medical Innovation Course	Bioinformatics Lecture1credit(2h×8W)		Medical Optical Engineering Practice 4(2·2)credits(2h×15W)														
Friday	Advanced Medical Science Course	Laboratory Animal Science Practice Practice 4(2·2)credit(4h×15W)		Brain Function Control Practice Practice 4(2·2)credits(4h×15W)														
	Advanced Medicine for Clinicians Course	Diagnostic pathology Practice 4(2·2)credit(4h×15W)		Clinical Pharmacy Practice 4(2·2)credits(4h×15W)		Advanced laboratory examination technology Practice 4(2·2)credits(4h×15W)												
	Interdisciplinary Medical Science and Medical Innovation Course	Robotics 4credit(2·2)credit(2h×15W)		Artificial Organs and Tissue Enginnering Practice 4(2·2)credits(4h×15W)		Strategy for intellectual property Lecture1credits(2h×8W)												

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