

Category	Course ID	Code	Subjects		Chief Instructor	Compulsory / Elective	Credits		Lecture/ Practice/ Laboratory activities	E-Learning available	Required credits		
			Japanese	English			Science Tokyo	MU					
I	臨床基幹科目 Clinical Core subjects (7)	GS-c4801-S	4801	臨床基幹科目 I (Science Tokyo)	Clinical Core Subject I (Science Tokyo)	Prof. Toshitaka Yoshii	CE	2		P	7		
		GS-c4802-S	4802	臨床基幹科目 I (MU)	Clinical Core Subject I (MU)	Assoc.Prof.Dr.Vitton Chinswangwatanakul	CE		2	P			
		GS-c4803-S	4803	臨床基幹科目 II	Clinical Core Subject II	Prof.Yoshii/ Assoc.Prof.Dr.Vitton	C		5	P			
II	臨床統計・情報医科学関連専門科目 Clinical Statistics and Biomedical Informatics (4)	GS-c4810-L	4810	疾患予防パブリックヘルス医学概論	Overview of Public Health Medicine in Disease Prevention	Prof. Tomoko Ishino	E	2		L	O	4	
		GS-c4811-L	4811	疫学	Epidemiology	Assoc. Prof. Nobutoshi Nawa	E	2		L	O		
		GS-c4812-L	4812	臨床・遺伝統計学	Clinical Biostatistics and Statistical Genetics	Prof. Kunihiko Takahashi	E	2		L	O		
		GS-c4813-L	4813	生物医学研究法	Research methodology in Biomedicine	Assoc.Prof.Dr. Cherdasak Iramaneerat	E		2	L	O		
		GS-c4814-L	4814	生物医学統計概論	Biostatistics in Biomedicine	Assit.Prof.Dr. Chutwichai Tovikkai	E		2	L	O		
III	がん医療専門科目 Cancer Professional Training Subjects (5)	GS-c4820-L	4820	がん生物学・解剖学・病理特論	Overview of Cancer: Cancer Biology, Pathology and Anatomy	Prof. Takehiko Mori	E	1		L	O	5	
		GS-c4821-L	4821	低侵襲がん治療 I	Minimal Invasive Treatment for Cancer I	Prof. Takehiko Mori	E	1		L	O		
		GS-c4822-L	4822	低侵襲がん治療 II	Minimal Invasive Treatment for Cancer II	Prof. Masahiko Miura	E	1		L	O		
		GS-c4823-L	4823	臓器別がん	Organ-specialized Cancer	Prof. Takehiko Mori	E	1		L	O		
		GS-c4824-L	4824	小児・希少がん	Pediatric and rare cancers	Prof. Takagi Masatoshi	E	1		L	O		
		GS-c4825-L	4825	臨床腫瘍学	Advanced Clinical Oncology	Prof. Takehiko Mori	E	1		L	O		
		GS-c4826-L	4826	がんゲノム	Cancer genomics and precision medicine	Prof. Sadakatsu Ikeda	E	1		L	O		
		GS-c4827-L	4827	緩和ケア・緩和医療学	Palliative Medicine: Outline	Prof. Takehiko Mori	E	1		L	O		
		GS-c4828-L	4828	がんの生物学とがんの免疫学概論	Applied Cancer Biology and Immunology	Assit.Prof.Dr. Pradit Rushatamukayanunt	E		1	L	O		
		GS-c4829-L	4829	幹細胞治療学概論	Stem cell for Surgical Patient	Assoc.Prof.Dr. Nuttawut Sermathanasawadi	E		1	L	O		
		GS-c4830-L	4830	標準検査学概論	Basic Laboratory Relevance to Surgery	Instructor Doonyapat Sanguanraksa	E		1	L	O		
		GS-c4831-L	4831	がんの画像診断学概論	Cancer Imaging	Assoc.Prof. Prawej Mahawithitwong	E		1	L	O		
		GS-c4832-L	4832	泌尿器科ロボット支援手術	Robotic Surgery in Urology	Assoc.Prof. Sittiporn Srinualnad	E		1	L	O		
		GS-c4833-L	4833	基礎鏡視下手術概論	Basic Surgical Endoscopy	Assit.Prof.Dr.Jirawat Swangsri	E		1	L	O		
		GS-c4834-L	4834	消化器癌における学際的内視鏡診断学	Advanced Inter Disciplinary Endoscopy for Gastrointestinal Tract Cancer	Prof.Dr.Thawatchai Akaraviput	E		1	L	O		
		GS-c4835-L	4835	周術期患者管理学概論	Perioperative Care Surgical Patient	Prof.Dr.Varut Lohsiriwat	E		1	L	O		
		GS-c4836-L	4836	婦人科がん治療学概論	Gynecologic Cancer Therapy	Assoc.Prof. Perapong Inthasorn	E		1	L	O		
		GS-c4837-L	4837	整形外科学概論	Basic Science in Orthopedic		E		1				
		GS-c4838-L	4838	がん患者の周術期管理学概論	Perioperative Medicine for Cancer Patients		E		1				
		IV	研究基幹科目 Research core subjects (8)	外科系専門分野 Surgery (4-8)	GS-c4840-S	4840	総合外科学特論	Specialized Surgeries	Prof. Tomoyuki Aruga	E	4		
GS-c4841-S	4841				消化管外科学特論	Gastrointestinal Surgery	Prof. Yusuke Kinugasa	E	4		P	O	
GS-c4842-S	4842				肝胆膵外科学特論 (Science Tokyo)	Hepatobiliary Pancreatic Surgery (Science Tokyo)	Prof. Daisuke Ban	E	4		P	O	
GS-c4843-S	4843				頭頸部外科学特論	Head and Neck Surgery	Prof. Takahiro Asakage	E	4		P	O	
GS-c4844-S	4844				腎泌尿器外科学特論 (Science Tokyo)	Urology (Science Tokyo)	Prof. Yasuhisa Fujii	E	4		P	O	
GS-c4851-S	4851				婦人科腫瘍学特論 (Science Tokyo)	Gynecologic Oncology (Science Tokyo)	Prof. Naoyuki Miyasaka	E	4		P	O	
GS-c4857-S	4857				整形外科学特論	Orthopedic and Spinal Surgery	Prof. Toshitaka Yoshii	E	4		P	O	
GS-c4858-S	4858				運動器外科学特論	Joint Surgery and Sports Medicine	Prof. Hideyuki Koga	E	4		P	O	
GS-c4845-S	4845				上部消化管外科学特論	Surgery for Upper GI Cancer	Clinical Prof.Dr. Asada Methasate	E		4	P	O	
GS-c4846-S	4846				下部消化管外科学特論	Surgery for Lower GI Cancer	Assoc.Prof. Woramin Riansuwan	E		4	P	O	
GS-c4847-S	4847				肝胆膵外科学特論 (MU)	Hepatobiliary Pancreatic Surgery (MU)	Prof.Dr. Yongyut Sirivatanauksorn	E		4	P	O	
GS-c4848-S	4848				血管外科学特論	Vascular Surgery	Assoc.Prof. Chumpol Wongwanit	E		4	P	O	
GS-c4849-S	4849				頭頸部・乳腺外科学特論	Multidisciplinary Approach to Disease of Head Neck and Breast	Assoc.Prof.Dr. Suebwong Chutapisith	E		4	P	O	
GS-c4850-S	4850				泌尿器外科学特論 (MU)	Urology (MU)	Assoc.Prof. Sittiporn Srinualnad	E		4	P	O	
GS-c4852-S	4852				婦人科腫瘍学特論 (MU)	Gynecologic Oncology (MU)	Assoc.Prof. Perapong Inthasorn	E		4	P	O	
GS-c4853-S	4853				外傷外科学特論	Trauma Surgery		E		4	P	O	
GS-c4854-S	4854				心臓・胸部外科学特論	Cardio-Thoracic Surgery		E		4	P	O	
GS-c4855-S	4855			成人再建整形外科学特論	Adult Reconstructive Orthopedic Surgery		E		4	P	O		
GS-c4856-S	4856			がん患者の麻酔・周術期管理学特論	Anesthesia and Perioperative Medicine for Cancer Patients		E		4	P	O		
Biomedical sciences related to Surgery (0-4)	GS-c4861-S			4861	統合生理学特論	Integrative Physiology	Prof. Katsuhito Fujii	E	4		P	O	
	GS-c4862-S			4862	臨床解剖学特論	Clinical Anatomy	Prof. Keiichi Akita	E	4		P	O	
	GS-c4863-S			4863	発生再生生物学特論	Developmental and Regenerative Biology	Prof. Hiroshi Nishina	E	4		P	O	
	GS-c4864-S			4864	バイオメカニクス特論	Biomechanics	Prof. Yoshikazu Nakajima	E	4		P	O	
	GS-c4865-S	4865	臨床腫瘍学特論	Clinical Oncology	Prof. Yasuo Hamamoto	E	4		P	O			
	GS-c4866-S	4866	システム薬理学特論	Principles in Systems Pharmacology	Instructor Somponnat Sampattavanich	E		4	P	O			
	GS-c4867-S	4867	幹細胞科学特論	Stem Cell Science	Assoc.Prof.Dr. Nuttawut Sermathanasawadi	E		4	P	O			
V	研究実践と論文作成 Experiments and Thesis Writing (48)	GS-c4870-T	4870	研究実践と論文作成 (Science Tokyo)	Experiments and Thesis writing at Science Tokyo	Prof. Keiichi Akita	C	24		LA	24		
		GS-c4871-T	4871	研究実践と論文作成 (MU)	Experiments and Thesis writing at MU	Assoc.Prof.Dr. Vitton Chinswangwatanakul	C		24	LA	24		

4 credits either at Science Tokyo or MU

2 or more credits at Science Tokyo and 2 or more credits at MU

8 credits either at Science Tokyo or MU