

## 4. Subject List

Category	Course ID	Code	Subjects		Chief Instructor	Compulsory / Elective	Credits		Lecture/ Practice/ Laboratory activities	E-Learning available		
			Japanese	English			TMDU	MU				
I	臨床基幹科目 Clinical Core subjects (7)	GS-c4801-S	4801	臨床基幹科目 I (TMDU)	Clinical Core Subject I (TMDU)	Prof. Minoru Tanabe	CE	2		P		
		GS-c4802-S	4802	臨床基幹科目 I (MU)	Clinical Core Subject I (MU)	Assoc. Prof. Vitoon Chinswangwatanakul	CE		2	P		
		GS-c4803-S	4803	臨床基幹科目II	Clinical Core Subject II	Prof. Tanabe/Assoc. Prof. Vitoon	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. Keiko Nakamura	E	2		L	○	
		GS-c4811-L	4811	疫学	Epidemiology	Prof. Takeo Fujiwara	E	2		L	○	
		GS-c4812-L	4812	臨床・遺伝統計学	Clinical Biostatistics and Statistical Genetics	Prof. Kunihiko Takahashi	E	2		L	○	
		GS-c4813-L	4813	生物医学研究法	Research methodology in Biomedicine	Assoc. Prof. Cherdasak Iramaneerat	E		2	L	○	
		GS-c4814-L	4814	生物医学統計概論	Biostatistics in Biomedicine	Instructor Chutwchai Tovikkai	E		2	L	○	
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	○	
		GS-c4821-L	4821	低侵襲がん治療 I	Minimal Invasive Treatment for Cancer I	Prof. Takehiko Mori	E	1		L	○	
		GS-c4822-L	4822	低侵襲がん治療 II	Minimal Invasive Treatment for Cancer II	Prof. Masahiko Miura	E	1		L	○	
		GS-c4823-L	4823	臓器別がん	Organ-specialized Cancer	Prof. Takehiko Mori	E	1		L	○	
		GS-c4824-L	4824	小児・希少がん	Pediatric and rare cancers	Prof. Takehiko Mori	E	1		L	○	
		GS-c4825-L	4825	臨床腫瘍学	Advanced Clinical Oncology	Prof. Takehiko Mori	E	1		L	○	
		GS-c4826-L	4826	がんゲノム	Cancer genomics and precision medicine	Prof. Takehiko Mori	E	1		L	○	
		GS-c4827-L	4827	緩和ケア・緩和医療学	Palliative Medicine: Outline	Prof. Takehiko Mori	E	1		L	○	
		GS-c4828-L	4828	がんの生物学とがんの免疫学概論	Applied Cancer Biology and Immunology	Instructor Pradit Rushatamukayanunt	E		1	L	○	
		GS-c4829-L	4829	幹細胞治療学概論	Stem cell for Surgical Patient	Assoc. Prof. Nuttawut Sermsathanasawadi	E		1	L	○	
		GS-c4830-L	4830	標準検査学概論	Basic Laboratory Relevance to Surgery	Instructor Doonyapat Sanguanraksa	E		1	L	○	
		GS-c4831-L	4831	がんの画像診断学概論	Cancer Imaging	Assoc. Prof. Prawej Mahawithitwong	E		1	L	○	
		GS-c4832-L	4832	泌尿器科ロボット支援手術	Robotic Surgery in Urology	Prof. Sittiporn Srinualnad	E		1	L	○	
		GS-c4833-L	4833	基礎鏡視下手術概論	Basic Surgical Endoscopy	Asist.Prof.Dr. Jirawat Swangsri	E		1	L	○	
		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. Thawatchai Akaraviput	E		1	L	○	
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	○			
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	Assoc. Prof. Toshifumi Kudo	E	4		P	○
			GS-c4841-S	4841	消化管外科学特論	Gastrointestinal Surgery	Prof. Yusuke Kinugasa	E	4		P	○
			GS-c4842-S	4842	肝胆膵外科学特論 (TMDU)	Hepatobiliary Pancreatic Surgery (TMDU)	Prof. Minoru Tanabe	E	4		P	○
			GS-c4843-S	4843	頭頸部外科学特論	Head and Neck Surgery	Prof. Takahiro Asakage	E	4		P	○
			GS-c4844-S	4844	腎泌尿器外科学特論 (TMDU)	Urology (TMDU)	Prof. Yasuhisa Fujii	E	4		P	○
			GS-c4845-S	4845	上部消化管外科特論	Surgery for Upper GI Cancer	Assoc. Prof. Asada Methasate	E		4	P	○
			GS-c4846-S	4846	下部消化管外科特論	Surgery for Lower GI Cancer	Assoc. Prof. Woramin Riansuwan	E		4	P	○
			GS-c4847-S	4847	肝胆膵外科学特論 (MU)	Hepatobiliary Pancreatic Surgery (MU)	Assoc. Prof. Yongyut Sirivatanauskorn	E		4	P	○
			GS-c4848-S	4848	血管外科学特論	Vascular Surgery	Assoc. Prof. Chumpol Wongwanit	E		4	P	○
			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. Suebwong Chutapisith	E		4	P	○
			GS-c4850-S	4850	泌尿器外科学特論 (MU)	Urology	Assoc. Prof. Sittiporn Srinualnad	E		4	P	○
			Biomedical sciences related to Surgery (0-4)	GS-c4861-S	4861	幹細胞制御特論	Stem Cell Regulation	Prof. Tetsuya Taga	E	4		P
		GS-c4862-S		4862	臨床解剖学特論	Clinical Anatomy	Prof. Keiichi Akita	E	4		P	○
		GS-c4863-S		4863	発生再生生物学特論	Developmental and Regenerative Biology	Prof. Hiroshi Nishina	E	4		P	○
		GS-c4864-S		4864	バイオメカニクス特論	Biomechanics	Prof. Yoshikazu Nakajima	E	4		P	○
		GS-c4865-S		4865	臨床腫瘍学特論	Clinical Oncology	Prof. Takehiko Mori	E	4		P	○
		GS-c4866-S	4866	システム薬理学特論	Principles in Systems Pharmacology	Instructor Somponnat Sampattavanich	E		4	P	○	
GS-c4867-S	4867	幹細胞科学特論	Stem Cell Science	Assoc. Prof. Nuttawut Sermsathanasawadi	E		4	P	○			
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 (TMDU)	Experiments and Thesis writing at TMDU	Prof. Keiichi Akita	C	24		LA		
		GS-c4871-T	4871	研究実践と論文作成 (MU)	Experiments and Thesis writing at MU	Assoc. Prof. Vitoon Chinswangwatanakul	C		24	LA		