

Curriculum mapping

I = PLO is Introduced and Assessed

R = PLO is Reinforced and Assessed

P = PLO is Practiced and Assessed

M = Level of Mastery is Assessed

	(Course list)	(Credits)	PLO1	PLO2	PLO3	PLO4	PLO5	PLO6
	General Education Courses University-required courses							
MUGE 100	General Education for Human Development	3 (3-0-6)	I	I				
	General Education 1	2	I	I				
	General Education 2	2	I	I				
LATH 100	Arts of Using Thai Language for Communication	3 (2-2-5)	I	I			I	
LAEN 105	English Level 3	3 (2-2-5)	I	I			I	
LAEN 106	English Level 4	3 (2-2-5)	I	I			I	
	General Education Courses Program-specified courses							
EGID 103	Technology and Trends for Future Health Care	1 (1-0-2)	I	I				
ITCS 152	Information Technology and Trends for Future Health Care	1 (1-0-2)	I	I				
SIID 143	Essential Skills for Balanced and Successful Life	3 (3-0-6)	I	I			I	
SIID 260	Introduction to Research	1 (1-0-2)	R					I
SIID 360	Research Experience	1 (1-0-2)	R					R
SIID 460	Research Practice	3 (0-6-3)	R/P	R/P				R/P
SIID 144	Effective learning	1 (1-0-2)	I	I				
SIID 243	Human Life	1 (1-0-2)	I	I				
SIID 244	Humanistic Healthcare	1 (0-2-1)	I	I			I	
SIID 441	Self Development for Profession	1 (1-0-2)	R	R		R		
	Core Curriculum course Core medical science courses							

	(Course list)	(Credits)	PLO1	PLO2	PLO3	PLO4	PLO5	PLO6
SCID 104	Scientific Inquiries for the 21st Century Skills 1	3 (3-0-6)	I	I				
SCID 105	Scientific Inquiries for the 21st Century Skills 2	2 (2-0-4)	I	I				
SIID 145	Foundation of the Human Body: From Molecules to Body	2 (2-0-4)	I	I	I			
SIID 146	Foundation of the Human Body: Neural and Hormonal Regulation	2 (2-0-4)	I	I	I			
SIID 147	Foundation of the Human Body: Energy and Metabolism	2 (2-0-4)	I	I	I			
SIID 148	Laboratory for Foundation of the Human Body	1 (0-2-1)	I	I	I			
SIID 245	Integumentary System, Skeleton and Movement	2 (2-0-4)	R	I	I			
SIID 246	Laboratory in Structure of Integumentary System, Skeleton and Movement	3 (0-6-3)	R	I/P	I			
SIID 247	Circulatory System	2 (2-0-4)	R	I				
SIID 248	Blood, Lymphoid and Immune System	2 (2-0-4)	R	I	I			
SIID 249	Urinary System	2 (2-0-4)	R	I	I			
SIID 250	Gastrointestinal and Hepatobiliary System	2 (2-0-4)	R	I	I			
SIID 251	Respiratory System	2 (2-0-4)	R	I	I			
SIID 252	Epidemiology and Biostatistics in Public Health	1 (1-0-2)	I	I				
SIID 253	Reproductive System	2 (2-0-4)	R	I	I			
SIID 254	Nervous System	4 (2-4-6)	R	I	I			
SIID 255	Laboratory in Structure of Visceral Systems	2 (0-4-2)	R	I/P	I			
SIID 256	Principles of Microbiology and Parasitology	4 (3-2-7)	R	I	I/P			
SIID 257	Inflammation and Clinical Immunology	2 (2-0-4)	R	I	I			
SIID 258	General Pharmacology	1 (1-0-2)	R	I				
SIID 259	Applied Preclinical Knowledge	1 (1-0-2)	R	I	I			
SIID 341	Medical Genetics	1 (1-0-2)	R	R	R			R
SIID 342	Principles of Neoplasia and Oncology	1 (1-0-2)	R	R	R			R

	(Course list)	(Credits)	PLO1	PLO2	PLO3	PLO4	PLO5	PLO6
SIID 343	Disorders of Urinary System	2 (2-0-4)	R	R	R			
SIID 344	Principles of Investigative and Therapeutic Medicine	2 (2-0-4)	R	R	R			
SIID 345	Disorders of Integumentary and Musculoskeletal System	2 (2-0-4)	R	R	R			
SIID 346	Basic Health Systems Science	2 (2-0-4)	R	R	R	I	I	
SIID 347	Disorders of Circulatory System	2 (2-0-4)	R	R	R			
SIID 348	Disorders of Blood and Lymphoid System	3 (3-0-6)	R	R	R			
SIID 349	Medical Ethics and Laws	1 (1-0-2)	R	R				
SIID 350	Disorders of Gastrointestinal and Hepatobiliary System	2 (2-0-4)	R	R	R			
SIID 351	Disorders of Respiratory System	2 (2-0-4)	R	R	R			
SIID 353	Disorders of Reproductive System	2 (2-0-4)	R	R	R			
SIID 354	Disorders of Nervous System	3 (3-0-6)	R	R	R			
SIID 355	Disorders of Endocrine and Multiple Systems	2 (2-0-4)	R	R	R			
SIID 357	Preventive Medicine and Health Promotion	2 (2-0-4)	R	R	R	R		
SIID 358	Symptomatology	2 (2-0-4)	R	R	R			
SIID 361	Basic Clinical Skills	1 (0-2-1)	R/P	R/P	P	R/P	P	R/P
SIID 440	Introduction to clinical Medicine	3 (1-4-4)	R/P	R/P	R	R/P	R	R
SIID 442	Principles of Gerontology and Geriatric Medicine	1 (1-0-2)	R	R	R	R	R	R
SIRD 441	Diagnostic Radiology	1 (0-2-1)	R/P	R/P	P		P	R
SIMD 441	Basic Principles of Internal Medicine	8 (2-12-10)	R/P	R/P	P	R/P	P	R
SISU 441	Basic Principles of Surgery and Perioperative Care	8 (2-12-10)	R/P	R/P	P	R/P	P	R
SIPC 441	Basic Principles of Psychiatry	4 (1-6-5)	R/P	R/P	P	R/P	P	
SIOG 441	Basic Principles of Gynecology	4 (1-6-5)	R/P	R/P	P	R/P	P	R
SIPV 441	Preventive Medicine, Health Promotion and Family Medicine	4 (2-4-6)	R/P	R/P	P	R/P	P	R
SIPD 441	Basic Principles of Pediatrics	4 (1-6-5)	R/P	R/P	P	R/P	P	R
SIPD 541	Pediatric Care	6 (2-8-8)	R/P	R/P	P	R/P	P	R/P
SIOG 541	Obstetrics and Newborn Care	6 (2-8-8)	R/P	R/P	P	R/P	P	R/P

	(Course list)	(Credits)	PLO1	PLO2	PLO3	PLO4	PLO5	PLO6
SISU 541	Surgery and Perioperative Care	6 (2-8-8)	R/P	R/P	P	R/P	P	R/P
SIMD 541	Medical Care for Adult and Older Patients	6 (2-8-8)	R/P	R/P	P	R/P	P	R/P
SIOP 541	Clinical Care for Eye Problems	2 (1-2-3)	R/P	R/P	P	R/P	P	R/P
SIOT 541	Clinical Care for Ear-Nose-Throat Problems	2 (1-2-3)	R/P	R/P	P	R/P	P	R/P
SIRM 541	Skills in Rehabilitation Medicine	2 (1-2-3)	R/P	R/P	P	R/P	P	R/P
SIFO 541	Forensic Medicine	2 (2-0-4)	P	R/P	R		P	R
SIAS 541	Anesthesiology	2 (1-2-3)	R/P	R/P	P		P	R/P
SIOR 541	Clinical Care for Orthopedic Problems	3 (1-4-4)	R/P	R/P	P	R/P	P	R/P
SIEM 541	Clinical Care for Emergency and Traumatic Patients	3 (1-4-4)	R/P	R/P	P		P	R/P
SIID 543	Community Medicine and Health Promotion	3 (0-9-3)	R/P	R/P	P	R/P	P	R/P
SIID 544	Ambulatory and Dermatology Care	3 (1-4-4)	R/P	R/P	P	R/P	P	R/P
SIID 641	Introduction to Clinical Practice	1 (1-0-2)	R	R	R		R	
SIEM 641	Clinical Practice in Emergency and Traumatic Patients	4 (0-8-4)	M	M	M	M	M	M
SIID 645	Clinical Practice in Ambulatory and Dermatology Care	2 (0-4-2)	M	M	M	M	M	M
SIID 646	Clinical Practice in Critical Care	2 (0-4-2)	M	M	M		M	
SIPD 641	Clinical Practice in Pediatrics 1	4 (0-8-4)	M	M	M	M	M	M
SIPD 642	Clinical Practice in Pediatrics 2	(0-9-3)	M	M	M	M	M	M
SIOG 641	Clinical Practice in Obstetrics-Gynecology 1	4 (0-8-4)	M	M	M	M	M	M
SIOG 642	Clinical Practice in Obstetrics-Gynecology 2	3 (0-9-3)	M	M	M	M	M	M
SIOR 642	Clinical Practice in Orthopedics	3 (0-9-3)	M	M	M	M	M	M
SIMD 641	Clinical Practice in Internal Medicine 1	4 (0-8-4)	M	M	M	M	M	M
SIMD 642	Clinical Practice in Internal Medicine 2	3 (0-9-3)	M	M	M	M	M	M
SISU 641	Clinical Practice in Surgery 1	4 (0-8-4)	M	M	M	M	M	M
SISU 642	Clinical Practice in Surgery 2	3 (0-9-3)	M	M	M	M	M	M
	specialized competency-based or elective courses MODULE A : Selective Experiences in Medicine							

	(Course list)	(Credits)	PLO1	PLO2	PLO3	PLO4	PLO5	PLO6
SIAN 483	Integrative Clinical Neuroscience	3 (3-0-6)	R/P	R/P				
SIPC 483	Experiences in Psychiatry	3 (1-4-4)	R/P	R/P	P		P	
SIBC 483	Research in Clinical Biochemistry	3 (0-6-3)	R/P	R/P				
SIPR 483	Selected Topics in Parasitology	3 (1-4-4)	R/P	R/P				
SIPR 484	Basic Biodesign in Medicine	3 (3-0-6)	R/P	R/P				
SICP 483	Selected Topics in Clinical Pathology	3 (1-4-4)	R/P	R/P	P			
SICP 486	Applied Clinical Pathology	6 (2-8-8)	R/P	R/P	P			
SIPA 483	Selected Topics in Pathology	3 (1-4-4)	R/P	R/P				
SIPA 484	Basic knowledge in Molecular Oncopathology	3 (1-4-4)	R/P	R/P				
SIPA 485	Experience in Pathology Research	3 (1-4-4)	R/P	R/P				
SIPA 486	Applied Pathology	6 (2-8-8)	R/P	R/P				
SIRD 483	Basic Radiology	3 (1-4-4)	R/P	R/P	P		P	
SIRD 486	Radiology	6 (2-8-8)	R/P	R/P	P		P	
SIPV 483	Preventive and Social Medicine - Outbreak Investigation and Management	3 (1-4-4)	R/P	R/P		P	P	
SIPV 484	Clinical Toxicology and Occupational Medicine	3 (1-4-4)	R/P	R/P	P		P	
SIPV 485	Development of Assertiveness Skill and Empowerment	3 (1-4-4)	R/P	R/P	P	R/P	P	
SIPV 486	Preventive Medicine and Population Health	6 (2-8-8)	R/P	R/P			P	
SIIM 483	Cancer Immunotherapy	3 (1-4-4)	R/P	R/P				
SIIM 486	Nanomedicine Principle and Applications	3 (1-4-4)	R/P	R/P				R/P
SISU 483	Basic Surgery	3 (1-4-4)	R/P	R/P	P		P	
SISU 486	Experiences in Surgery	6 (2-8-8)	R/P	R/P	P		P	
SIPS 483	Techniques in Neuroscience Research	3 (1-4-4)	R/P	R/P				R/P
SIPS 486	Applied Physiology	6 (2-8-8)	R/P	R/P				
SIID 483	Community Health	3 (0-9-3)	R/P	R/P	P	R/P	P	
SIID 486	Introduction to Community Medicine	6 (2-8-8)	R/P	R/P	P	R/P	P	

	(Course list)	(Credits)	PLO1	PLO2	PLO3	PLO4	PLO5	PLO6
SIID 493	Short-Term Basic Clinical Experiences in Other Thai Hospitals/Medical Institutes	3 (0-9-3)	R/P	R/P	P		P	
SIID 494	Short-Term Basic Clinical Experiences in Other Overseas Hospitals/Medical Institutes	3 (0-9-3)	R/P	R/P	P		P	
SIID 496	Long-Term Basic Clinical Experiences in Other Thai Hospitals/Medical Institutes	6 (0-18-6)	R/P	R/P	P		P	
SIID 497	Long-Term Basic Clinical Experiences in Other Overseas Hospitals/Medical Institutes	6 (0-18-6)	R/P	R/P	P		P	
SIMD 483	Basic Experiences in Medicine	3 (1-4-4)	R/P	R/P	P		P	
SIMD 485	Experiences in Medical Subspecialty	3 (1-4-4)	R/P	R/P	R/P		R/P	
SIMD 486	Experiences in Medicine : Subspecialty Division	6 (2-8-8)	R/P	R/P	R/P		R/P	
SIAN 582	Current Topics in Clinical Anatomy	2 (1-2-3)	R/P	R/P				
SIPC 582	Clinical Experiences in Psychiatry	2 (1-2-3)	R/P	R/P	R/P		R/P	
SIBC 582	Frontier in Medical Biochemistry	2 (0-4-2)	R/P	R/P				
SIDE 582	Clinical Experiences in Dermatology	2 (1-2-3)	R/P	R/P	R/P		R/P	
SIPR 582	Interesting Topics in Parasitology	2 (1-2-3)	R/P	R/P	R/P			
SIPR 583	Biodesign Capstone	2 (0-4-2)	R/P	R/P	R/P			
SICP 582	Interesting Topics in Clinical Pathology	2 (1-2-3)	R/P	R/P	R/P			
SIPA 582	Interesting Topics in Pathology	2 (1-2-3)	R/P	R/P				
SIRD 582	Clinical Experiences in Radiology	2 (1-2-3)	R/P	R/P	R/P		R/P	
SIPV 582	Clinical Experiences in Personalized Preventive Medicine	2 (1-2-3)	R/P	R/P	R/P	R/P	R/P	
SIPV 583	Introduction to Travel Health	2 (1-2-3)	R/P	R/P			R/P	
SIIM 582	Current Topics in Immunology	2 (1-2-3)	R/P	R/P				
SIAS 582	Pain Management	2 (1-2-3)	R/P	R/P	R/P		R/P	
SISU 582	Clinical Experiences in Surgery	2 (1-2-3)	R/P	R/P	R/P		R/P	

	(Course list)	(Credits)	PLO1	PLO2	PLO3	PLO4	PLO5	PLO6
SIOT 582	Clinical Experiences in Otorhinolaryngology	2 (0-4-2)	R/P	R/P	R/P		R/P	
SIPS 582	Frontiers in Medical Physiology	2 (1-2-3)	R/P	R/P				
SIID 582	Community Medicine	2 (0-6-2)	R/P	R/P	R/P	R/P	R/P	
SIID 592	Clinical Experiences in Other Thai Hospitals/Medical Institutes	2 (1-2-3)	R/P	R/P	R/P		R/P	
SIID 593	Clinical Experiences in Other Overseas Hospitals/Medical Institutes	2 (1-2-3)	R/P	R/P	R/P		R/P	
SIOR 582	Clinical Experiences in Orthopedic Surgery	2 (1-2-3)	R/P	R/P	R/P		R/P	
SIMD 582	Basic experiences in Medicine	2 (1-2-3)	R/P	R/P	R/P		R/P	
SIMD 583	Experiences in Medical Subspecialty	2 (1-2-3)	R/P	R/P	R/P		R/P	
SIPD 682	Practical Pediatrics	2 (0-4-2)	R/P	R/P	R/P		R/P	
SIAN 682	Specific Experiences in Anatomy	2 (2-0-4)	R/P	R/P				
SIMI 684	Applying Knowledge of Microbiology to Clinical Practice	4 (1-6-5)	R/P	R/P				
SIPC 682	Practical Psychiatry	2 (0-4-2)	R/P	R/P	R/P		R/P	
SIBC 682	Molecular Biology Techniques	2 (0-4-2)	R/P	R/P				
SIDE 682	Clinical Practice in Infectious Dermatology and Diagnostic Procedures	2 (0-4-2)	R/P	R/P	R/P		R/P	
SIDE 684	Clinical Practice in Inflammatory Skin Diseases and Hair Disorders	4 (0-8-4)	R/P	R/P	R/P		R/P	
SIFO 682	Extended Experiences in Forensic Medicine	2 (0-4-2)	R/P	R/P				
SIPR 682	Specific Experiences in Parasitology	2 (0-4-2)	R/P	R/P				
SIPR 684	Applying Knowledge of Parasitology to Clinical Practice	4 (0-8-4)	R/P	R/P				
SIPR 685	Advanced Biodesign Capstone	4 (0-8-4)	R/P	R/P				
SICP 682	Specific Experiences in Clinical Pathology	2 (0-4-2)	R/P	R/P	R/P			
SICP 684	Applying Knowledge of Clinical Pathology to Clinical Practice	4 (0-8-4)	R/P	R/P	R/P			
SIPA 682	Specific Experiences in Pathology	2 (0-4-2)	R/P	R/P				

	(Course list)	(Credits)	PLO1	PLO2	PLO3	PLO4	PLO5	PLO6
SIPA 684	Applying Knowledge of Pathology to Clinical Practice	4 (0-8-4)	R/P	R/P				
SIRD 682	Practical Radiology	2 (0-4-2)	R/P	R/P	R/P			
SIRD 684	Clinical Practice in Radiology	4 (0-8-4)	R/P	R/P	R/P			
SIPV 682	Practical Preventive and Social Medicine	2 (0-4-2)	R/P	R/P		R/P	R/P	
SIPV 683	Clinical Practice in Toxicology, Occupational and Environmental Medicine	2 (0-4-2)	R/P	R/P		R/P		
SIPV 684	Additional Practice in Preventive and Social Medicine	4 (0-8-4)	R/P	R/P		R/P		
SIPV 685	Preventive and Social Medicine in Community and Family Health Care	4 (0-8-4)	R/P	R/P	R/P	R/P	R/P	
SIPV 686	Applied geriatric medicine in clinical practice	4 (0-8-4)	R/P	R/P	R/P	R/P	R/P	
SIIM 682	Smart Use of Immunological Tests for Diagnosis of Allergy and Clinical Immunology Diseases	2 (1-2-3)	R/P	R/P				
SIIM 684	Application of Immunology Knowledge in Infectious Diseases	2 (1-2-3)	R/P	R/P				R/P
SIAS 682	Chronic Pain Management and Palliative Care	2 (0-4-2)	R/P	R/P	R/P		R/P	
SIAS 684	Advanced Care in Anesthesiology	4 (0-8-4)	R/P	R/P	R/P		R/P	
SISU 682	Practical Surgery	2 (0-4-2)	R/P	R/P	R/P		R/P	
SISU 684	Additional Practice in Surgery	4 (0-8-4)	R/P	R/P	R/P		R/P	
SIOT 682	Practical Otorhinolaryngology	2 (0-4-2)	R/P	R/P	R/P		R/P	
SIOT 684	Additional Practice in Otorhinolaryngology	2 (0-4-2)	R/P	R/P	R/P		R/P	
SIPS 682	Specific Experiences in Physiology	2 (0-4-2)	R/P	R/P				
SIPS 684	Applying Knowledge of Physiology to Clinical Practice	4 (0-8-4)	R/P	R/P				
SIID 692	Short-Term Advanced Clinical Experiences in Other Thai Hospitals/Medical Institutes	2 (0-6-2)	R/P	R/P	R/P		R/P	
SIID 694	Long-Term Advanced Clinical Experiences in Other Thai Hospitals/Medical Institutes	4 (0-12-4)	R/P	R/P	R/P		R/P	

	(Course list)	(Credits)	PLO1	PLO2	PLO3	PLO4	PLO5	PLO6
SIID 695	Long-Term Advanced Clinical Experiences in Other Overseas Hospitals/Medical Institutes	4 (0-12-4)	R/P	R/P	R/P		R/P	
SIOR 682	Practical Orthopedic Surgery	2 (0-4-2)	R/P	R/P	R/P		R/P	
SIOR 684	Additional Practice in Orthopedic Surgery	4 (0-8-4)	R/P	R/P	R/P		R/P	
SIMD 682	Experiences in Medical Subspecialty	2 (0-4-2)	R/P	R/P	R/P		R/P	
SIMD 684	Experiences in Medicine : Subspecialty Division	4 (0-8-4)	R/P	R/P	R/P		R/P	
	specialized competency-based or elective courses MODULE B : Selective Experiences in Other							
ITCS 153	Technological Innovations and Researches in Healthcare for Medical Students	6 (4-4-10)	R/P	R/P			R/P	R/P
EGID 400	Basic Biomedical Engineering for Medical Students	3 (2-2-5)	R/P	R/P			R/P	R/P
EGID 401	Principles of Biomedical Engineering for Medical Students	6 (4-4-10)	R/P	R/P			R/P	R/P
SIID 484	Basic Healthcare Management for Medical Students	3 (2-2-5)	R/P	R/P		R/P		
SIID 487	Principles of Healthcare Management for Medical Students	6 (4-4-10)	R/P	R/P		R/P		
EGID 500	Biomedical Engineering for Medical Students	2 (1-2-3)	R/P	R/P			R/P	R/P
SIID 584	Healthcare Management for Medical Students	2 (1-2-3)	R/P	R/P		R/P		
EGID 600	Selected Topics in Biomedical Engineering for Medical Students	2 (1-2-3)	P	P			P	P
EGID 601	Experiences in Biomedical Engineering for Medical Students	4 (3-2-7)	P	P			P	P
SIID 685	Selected Topics in Healthcare Management for Medical Students	2 (1-2-3)	P	P		P		
SIID 687	Experiences in Healthcare Management for Medical Students	4 (3-2-7)	P	P		P		