

## RECOMMENDED PLAN

### 2. Bachelor of Science Program in Prosthetics and Orthotics (International Program)

#### Recommended four-year plan

<b>Year 1</b>	SIPO 162 Introduction to P&O (2)	SIPO 101 Thai 1 (3)	ICGE 141 Essentials of Entrepreneurship (3)	SCCH 161 Integrated Chemistry (3)	SCPY 169 Elementary Physics (3)	SCIN 101 Creative thinking (2)	ICGE 122 Morality and Ethical Studies (3)	SCBI 163 Essential Biology (2)	21 Credits
	SCMA 191 Statistics for Medical Science (2)	SIPO 102 Thai 2 (3)	LALA 280 Philosophy for today's Life (3)	ICGE 125 Critical Thinking (3)	SCID 182 Nature science (3)	ICGE 124 English for Academic Presentation (2)	SCID 183 21st Century (3)	Elective (Free) (2)	21 Credits
<b>Year 2</b>	SIAN 221 Anatomy (4)	SIPS 251 Physiology (2)	SIPA 213 Pathology (2)	SICP 212 Clinical Pathology (1)	SIPO 203 Rehabilitation Medicine (3)	SIPO 212 Biomechanics (3)	SIPO 262 Materials Science (1)	SIPO 263 PO Technical Skills (4)	20 Credits
	SIPO 212 Psychology practice for PWDs (1)		SIPO 264 Patient Assessment & Gait Analysis (2)		SIPO 273 - SIPO 274 Foot and Ankle Foot Orthotics (3-5)		SIPO 275 Medical Footwear and Shoe Modification (3)		SIPO 276 - SIPO 277 Spinal Orthotics (2-4)
<b>Year 3</b>	SIPO 383 - SIPO 384 Ankle Disarticulation and Transibial Prosthetics (3-5)			SIPO 385 - SIPO 386 Knee Disarticulation and Transfemoral Prosthetics (3-5)			SIPO 395 Clinical Practice in Prosthetics (4)		20 Credits
	SIPO 363 Research Process in P&O (2)	SIPO 364 Clinical Research Instrumentation in P&O (2)		SIPO 377 Upper Limb Orthotics (3)	SIPO 375 - SIPO 376 Knee Ankle Foot Orthotics (2-3)		SIPO 396 Clinical Practice in Orthotics (4)		16 Credits
<b>Year 4</b>	SIPO 461 Wheelchair & Seating & Standing frame (2)	SIPO 484 Upper Limb Prosthetics (4)		SIPO 485 Partial Foot and Hip Disarticulation Prosthetics (3)	SIPO 494 Pre-Clinical Experience in P&O (6)		Elective (PO) (2)	Elective (PO) (2)	19 Credits
	SIPO 462 Research Project (3)	SIPO 495 Clinical Experience in P&O (6)			SIPO 496 External Clinical Experience in P&O (6)				15 Credits

#### Recommended two-year plan for International upgrading students

<b>Year 1</b>	SIPO 101 Thai 1 (3)	ICGE 122 Morality and Ethical Studies (3)	SCCH 161 Integrated Chemistry (3)	SCPY 169 Elementary Physics (3)	SCBI 163 Essential Biology (2)	SIPO 262 Materials Science (1)	Elective (PO) PO practice (2)	SIPO 102 Thai 2 (3)	20 Credits
	SIPO 363 Research Process in P&O (2)	SIPO 364 Clinical Research Instrumentation in P&O (2)	SIPO 212 Psychology practice for PWDs (1)	SCMA 191 Statistics for Medical Science (2)	SIPO 264 Patient Assessment & Gait Analysis (2)		SIPO 275 Medical Footwear and Shoe Modification (3)	SIPO 276-277 Spinal Orthotics (6)	18 Credits
<b>Year 2</b>	SIPO 461 Wheelchair & Seating & Standing frame (2)	SIPO 485 Partial Foot and Hip Disarticulation Prosthetics (3)	SIPO 484 Upper Limb Prosthetics (4)	SIPO 494 Pre-Clinical Experience in P&O (6)		Elective (PO) Cranial orthosis (2)	SICP 212 Clinical Pathology (1)		18 Credits
	Elective (PO) PO experience (2)	SIPO 377 Upper Limb Orthotics (3)	SIPO 462 Research Project (3)	SIPO 495 Clinical Experience in P&O (6)		SIPO 496 External Clinical Experience in P&O (6)			20 Credits