

Articulation Courses

KMUTT

Direct

Course Title	ISU Equivalent	Credit Hrs	Course Title	Dept	Level	Credit Hrs
			Intro to Bioinformatics	ITK		3
			IT Service Management	ITK		3
			Simulation Techniques	ITK		3
			Software Project Management	ITK		3
Foundations of Computer Science	IT 160	3				
Computer Programming	IT 168(IS) or IT 177(CS)	3				
Computer Programming II	IT 178 (IS)	3				
Data Structures	IT 179	3				
Computer Architecture & Org	IT 254(IS) or IT 225(CS)	3				
Systems Analysis & Design	IT 261	3				
Selected Programming Language	IT 272, IT 275, or IT 327	3				
Analysis & Design of Algorithms	IT 279	3				
Software Engineering	IT 326	3				
Syntax & Semantics of Programming Languages	IT 327	3				
Artificial Intelligence	IT 340	3				
Object-Oriented Software Development	IT 341	3				
Software Quality Assurance	IT 350	3				
Computer Security Management	IT 351	3				
Computer Graphics	IT 356	3				
Advanced Software Engineering	IT 365	3				
Human-Computer Interaction	IT 367	3				
Selected Topic in Computer Science	IT 368, IT 374 or IT 385	3				
Internet Application	IT 371	3				
Computer Networks	IT 375	3				
Internetworking Technology	IT 377	3				
Database Systems	IT 378	3				
Operating Systems	IT 383	3				
Software Architecture	IT 384	3				
Problem-based Learning	IT 391	3				
Computer Science Project I (Jr & Sr encouraged to take this course)	IT 391 or IT 398	3				
Computer Science Project II (Jr & Sr encouraged to take this course)	IT 391 or IT 398	3				
Career Training (Jr & Sr encouraged to take this course)	IT 398	3				
Statistics for Scientists	MAT 250	3				
Discrete Mathematics	MAT 260	3				
Statistics for Scientists	MQM 100	3				

Major Elective

Course Title	Dept	Level	Credit Hrs
Data Mining	ITK		3
Decision Support Systems	ITK		3
Digital Logic	ITK		3
Information Technology Law	ITK		3