Fourth Year, First Semester

Course No.	Course Title	Units	Hours/Week			Pre-requisite	Co-requisite
			Lec	Lab	Total		
Bus E 66	New Enterprise Dev. In the Phil. Environment	3	3	0	3	IS 130	None
IT 193	Special Topics in IT	3	3	0	3	CSc 181N	None
IS 132	Project Management and Quality Systems	3	3	0	3	IS 130	None
CSc 109	Social, Ethical & Professional Issues	3	3	0	3	CSc 181N	None
Tech Elect 3	Specialization 3	3	2	3	5	CSc 181N	None
Tech Elect 4	Specialization 4	3	2	3	5	CSc 181N	None
Tech Elect 5	Specialization 5	3	2	3	5	CSc 181N	None
	Total	**21**	**18**	**9**	**27**		

Fourth Year, Second Semester

Course No.	Course Title	Units	Hours/Week			Pre-requisite	Co-requisite
			Lec	Lab	Total		
IT 190	Supervised On-the-Job Training	12			40	CSc 181N	None
	Total	**12**	**0**	**0**	**40**		

Grand Total   179 units

OPTION A: DATABASE SYSTEMS

Technical Electives: (15 Units required)

IT 180	Data Warehousing and Data Mining
IT 181	Distributed Databases
IT 182	Web Services
IT 186	Modern Query Languages
IT 183	Database Security, Admin & Management
IT 184	Advanced Databases
IT 185	Lexical Databases
IT 187	Information Assurance
IT 188	Information Engineering
IT 189	Knowledge Based Systems

OPTION B: MULTIMEDIA SYSTEMS

Technical Electives: (15 Units required)

IT 130	Multimedia Systems
IT 131	Computer Graphics
IT 132	3D Modeling & Animation
IT 133	Advanced 3D Computer Modeling for Animation
IT 134	Introduction to Games: Theory and Design
IT 135	Instructional Software Design and Development
IT 136	Graphical User Interface & Interaction Design
IT 137	Advanced Web Applications

OPTION C: NETWORK SYSTEMS

Technical Electives: (15 Units required)

IT 160	Routing and Routing Basics
IT 161	Switching Basics and Intermediate Routing
IT 162	WAN Technologies
IT 163	Network Security
IT 164	Network Administration
IT 165	Directory Services
IT 166	Network Design & Implementation
IT 168	Wireless Technologies
IT 169	Graph Theory and Applications