Fourth	Year,	First	Semester
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Course Course Title Units		He	Hours/Week			Co-	
No.			Lec	Lab	Total	requisite	requisite
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	Course Title	Units	nits Hours/Week		Pre-	Co-	
No.			Lec	Lab	Total	requisite	requisite
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