



Philadelphia University
(Private Accredited University)

Faculty of Information Technology

Computer Science Department
Study Plan for Master Degree
(33 Credit Hours)
(2016 – 2017)

Comprehensive Examination Programme

1. Compulsory (27 Hours)

Module No.	Module Name	Cr.
0750713	Advanced programming Languages	3
0750724	Algorithms and Advanced Data Structures	3
0750734	Operating Systems	3
0750743	Information Security	3
0750744	Computer Networks	3
0750754	Intelligent Systems	3
0750763	Database Systems	3
0750792	Scientific Research Methodolgy	3
0750798	Project	3

2. Elective (6 Hours)

Module No.	Module Name	Cr.
0750712	Modern Compiler Design	3
0750745	Wireless and Mobile network	3
0750735	Computer Architecture	3
0750755	Soft Computing	3
0750765	Data Mining	3
0750773	Computer Vision	3
0750774	Modelling and Simulation	3
0750784	Formal Methods	3
0750785	Software Maintenance and Evolution	3
0750797	Advanced Topics in Computer Science	3