

**Study Plan for Master's Degree in  
Business Analytics  
for year 2019-2020**

The Master's Degree Program (Comprehensive Exam ) in Business Analytics awarded at Princess Sumaya University for Technology after the successful completion of 33 Credit Hours distributed as follows:-

**Program Requirements (33 CHs)**

**1. Compulsory Requirements (24 CHs)**

Course Number	Course Title	Credit Hours	Prerequisite	Concurrent
33723	Simulation and Decision Analysis	3		
33724	Information Management & Assurance	3		
33725	Business Intelligence	3		
33726	Data Mining for Business Applications	3		
33728	Applied Statistical Modeling & Forecasting	3		
33730	Analytics Experience Capstone (Practical project)	3		
33740	Computer and Information Systems	3		
33774	Research Methodology	3		
33796	Comprehensive Exam	0		

**2. Elective Requirements (9 CHs)**

Course Number	Course Title	Credit Hours	Prerequisite	Concurrent
11753	Artificial Intelligence	3		
14721	Data Engineering	3		
33732	Process Mining	3		
33733	Information Systems Quality	3		
33734	Derivatives and Risk Management	3		
33735	Corporate Strategy Valuation	3		
33736	Investment Process: Management and Analysis	3		
33737	Customer Behavior Analytics	3		
33738	Social media analytics in the global market	3		
33739	Advanced Marketing Management	3		
33745	Big data and In-Memory Technology	3		