

Program Structure and Academic Curriculum

The program comprises 36 credit hours, which includes eleven compulsory courses, four elective courses, and the master thesis course. Courses will be taught by faculty from both universities, allowing participants to engage in learning from two leading educational institutions. The four elective courses may vary from cohort to cohort depending on the interest of each cohort and the recent trends in information technologies and systems managements.

Master in Information Technology and Systems Management

Program Academic Curriculum

36 Credit Hours

1. Compulsory Courses (28 Credit Hours)

No.	Course Name	Course No.	Prerequisite	Credit Hours
1	Strategic Planning for Information Systems	T1711	-----	2
2	Systems and Technologies 2.0	T2712	-----	2
3	Telecommunications Networks and Inf. Security	T3713	-----	2
4	Advanced Statistics	T1715	-----	2
5	Information Systems Evaluation Methods	T1721	T2712	2
6	Advanced Topics in Information Systems for Management	T1722	T1711	2
7	Informatics Projects Management	T1724	T1711	2
8	Development Acquisition Information Systems	T1731	T1722	2
9	Procurement Support Information Systems	T1733	T1721	2
10	Information Systems Implementation and Change	T1735	T2712	2
11	Decision Support Systems	T1736	T1721	2
12	Thesis	T1740	Department Approval	6

2. Elective Courses (8 Credits Hours)

Student has to select 8 credit hours (4 courses) from the following elective courses:

No.	Course Name	Course No.	Prerequisite	Credit Hours
1	Economics for Managers	T1714	-----	2
2	Process Mining	T1732	T1715	2
3	Advanced Topics in Information Technology	T1725	T1722	2
4	Information Mining in Social Web	T1734	T2712	2
5	Methods of Negotiation	T1723	-----	2
6	Data Analytics for Business	T1726	T1715	2
7	Geographic Information Systems Technology for Business Applications	T1727	-----	2
8	Semantic Intelligence technologies: The future of organizations interoperability	T1728	T2712	2
9	Advanced topics of complex networks	T1729	T3713	2