

Indicative Study Plan for Master Degree in  
Data Science

Study Year	Semester	Course Number	Course Title	Credit Hours	Thesis	Comprehensive Exam
First Year	First Semester	14711	Computational Statistics	3	Compulsory	Compulsory
		14723	Big Data	3	Compulsory	Compulsory
		14791	Research Methodology Seminar	1	Compulsory	Compulsory
	Second Semester	14721	Data Engineering	3	Compulsory	Compulsory
		14722	Data Mining	3	Compulsory	Compulsory
		11753	Artificial Intelligence	3	Elective	Elective

Study Year	Semester	Course Number	Course Title	Credit Hours	Thesis	Comprehensive Exam
Second Year	First Semester	14724	Computational Statistics	3	Elective	Compulsory
		14731	Business Modeling for Data Science	3	Compulsory	Compulsory
		11740	Algorithms	3	Elective	Elective
	Second Semester	14732	Business Intelligence	3	Elective	Compulsory
		11757	Natural Language Processing	3	Elective	Elective
		14792	Project	3	Elective	Compulsory