

Coursework for Data Analytics

Core Course for M.S. in Data Analytics (12 credits)

Visual Analytics	DA 02.510	3 credits
Data Warehousing	DA 02.515	3 credits
Data Mining I	DA 02.505	3 credits
Applied Multivariate Data Analysis	DA 02.525/STAT 02.515	3 credits

Core Courses for Health Data Analytics Leading Specialization (12 credits)

Patient Data Understanding	DA 03.510	3 credits
Data Quality and Web/Text Mining	DA 03.505	3 credits
DA Capstone Practicum	DA 01.505	4 credits
Data Analytics Laboratory I	DA 01.510	1 credit
Data Analytics Laboratory II	DA 01.511	1 credit

Electives (6 credits, any two courses)

Information Visualization	CS 07.570	3 credits
Advanced Software Engineering	CS 07.522	3 credits
Data Mining II	DA 02.605	3 credits
Machine Learning	CS 07.556	3 credits
Healthcare Management	DA 03.520/MGT 06.555	3 credits
Patient Data Privacy & Ethics	DA 03.515	3 credits
Design and Analysis of Experiments	DA 03.525/STAT 02.525	3 credits
Adv. Topics in Pattern Recognition	ECE 09.555	3 credits
Decision Analysis	MATH 03.514	3 credits