

1 SEAT REMAINING FOR CLASS NUMBER 52085

Please note: cross-listed class capacities may not reflect accurate seat availability.

Spring 2017: Graduate Business, Leavey School of Business

Subject	MS Information Systems
Course	MSIS 2627
Title	Big Data Modeling & Analytics
Description	<p>Today, more than 80% of useful data is unstructured. Businesses ,governments and all organizations now wants to store, process and analyze these huge datasets economically and predictably to solve numerous problems - find new markets, reduce risks, improve healthcare and many such applications. Todays useful data has velocity, variety and volume. Old SQL databases are not fit to handle the new requirements. Term Big Data was coined to solve the emerging problem. This course is about Big Data and its role in carrying out modern business intelligence for actionable insight to address new business needs. This course is a lab led and open source software rooted course. Students will learn the fundamentals of Hadoop framework, NoSQL databases and R language. The class will focus on storage, process and analysis aspects of Big Data. Students will have access to a MapR Hadoop image. The image is enhanced by instructor to include MongoDB and R. Prerequisites: MSIS 2601 and 2603.</p>
Enrollment Information	(MSIS 601 OR 2601) AND (MSIS 603 OR 2603) AND MSINFSYSMJ
Units (min/max)	3/3

Spring 2017: Regular Academic Session

Class	Instructor(s)	Meeting Days	Meeting Times	Location	Avail
52085	Parsian,Mahmoud	TR	05:45 PM-07:00 PM	LUCAS 310 (http://www.scu.edu/map/index.cfm?i=148)	1 