

Data Analytics (DATA)

A minor in Data Analytics is offered through the Department of Industrial Engineering in the College of Engineering.

Requirements for the minor in Data Analytics: The minor requires completion of 15-17 credits of coursework, including:

One course from Applied Statistics and Math Modeling group	3
INEG 2333 Applied Probability and Statistics for Engineers II	
INEG 3313 Engineering Probability and Statistics	
ELEG 3143 Probability & Stochastic Processes	
STAT 2823 Biostatistics	
STAT 3013 Introduction to Probability	
Two courses from Computing and Informatics group	6-8
CSCE 2004 Programming Foundations I	
CSCE 2014 Programming Foundations II	
INEG 4683 Decision Support in Industrial Engineering	
INEG 4833 Introduction to Database Concepts for Industrial Engineers	
ISYS 2263 Principles of Information Systems	
STAT 3003 Statistical Methods	
STAT 3001L Statistics Methods Laboratory	
Two courses from the Analytics group	6
CSCE 4143 Data Mining or INEG 414 Data Mining	
CSCE 4613 Artificial Intelligence	
ECON 4743 Introduction to Econometrics	
ECON 4753 Forecasting	
INEG 4163 Introduction to Modern Statistical Techniques for Industrial Applications	
ISYS 4193 Business Analytics and Visualization	
ISYS 4293 Business Intelligence	
STAT 4333 Analysis of Categorical Responses	
Total Hours	15-17