

Prefix	Course Title	MSCS	MSCE	MSAI	MSDE	MSCyber	Notes
ADTA 5130	Data Analytics I	Yes	No	No	Yes	No	Not allowed if you have taken CSCE 5310: Methods in Empirical Analysis
ADTA 5240	Harvesting, Storing, and Retrieving Data	Yes	No	Yes	Yes	No	
ADTA 5250	Large Data Visualization	Yes	No	Yes	No	No	Not allowed if you have taken CSCE 5320: Scientific Data Visualization
ADTA 5550	Deep Learning with Big Data	Yes	No	No	Yes	No	Not allowed if you have taken CSCE 5218: Deep Learning
ADTA 5560	Recurrent Neural Networks for Sequence Data	Yes	No	Yes	Yes	No	
BCIS 5630	Information Technology Security	No	No	No	No	Yes	
BCIS 5740	Information Security Management	No	No	No	No	Yes	
BMEN 5312	Advanced Signal Processing in Biomedical Engineering	Yes	No	Yes	Yes	No	
BMEN 5315	Computational Methods in Biomedical Engineering	Yes	No	Yes	Yes	No	
CJUS 5120	Cybercrime and Digital Forensics	No	No	No	No	Yes	
DSCI 5240	Data Mining and Machine Learning for Business	Yes	No	No	Yes	No	Not allowed if you have taken CSCE 5380: Data Mining or CSCE 5215: Machine Learning
DSCI 5360	Data Visualization for Analytics	Yes	No	Yes	No	No	Not allowed if you have taken CSCE 5320: Scientific Data Visualization
EENG 5320	Systems Modeling and Simulation	Yes	No	Yes	Yes	No	
EENG 5540	Digital Integrated Circuit Design	Yes	Yes	Yes	Yes	Yes	Not allowed if you have taken CSCE 5730: Digital CMOS VLSI Design
EENG 5550	Hardware Design Methodologies for ASICs and FPGAs	Yes	Yes	Yes	Yes	Yes	Not allowed if you have taken CSCE 5612: Embedded Hardware and Software Design
EENG 5560	Reconfigurable Computing	Yes	Yes	No	No	No	
EENG 5610	Digital Signal Processing	Yes	Yes	Yes	Yes	No	
EENG 5620	Statistical Signal Processing	Yes	Yes	Yes	Yes	No	
EENG 5640	Computer Vision and Image Analysis	Yes	Yes	Yes	Yes	No	
EENG 5650	Speech Analysis, Synthesis and Recognition	Yes	No	Yes	Yes	No	
EENG 5810	Digital Communications	Yes	Yes	No	No	No	
EENG 5820	Wireless Communications	Yes	Yes	Yes	Yes	Yes	Not allowed if you have taken CSCE 5510: Wireless Communications
EENG 5830	Coding Theory	Yes	Yes	Yes	Yes	No	
EENG 5840	Information Theory	Yes	Yes	Yes	Yes	No	
EENG 5850	Image and Video Communication	No	Yes	No	No	No	
INFO 5707	Data Modeling for Information Professionals	Yes	No	Yes	Yes	No	
INFO 5737	Information and Cyber-Security	No	No	No	No	Yes	
MATH 5350	Markov Processes	Yes	Yes	Yes	No	No	
MATH 5820	Probability and Statistics	Yes	Yes	Yes	Yes	No	
General Notes:							
Course Exceptions are subject to change per semester							
Your degree plan must be approved by the Toulouse Graduate School for your Course Exception to count towards your degree							