LUDDY SCHOOL OF INFORMATICS, COMPUTING, AND ENGINEERING
Indiana University

Last Name:	First Name:
10-Digit University ID:	IU Email:
Admit Term:	Expected Graduation Month and Year:

MS Managerial Data Science Track Degree Audit Form (30 Credit Hours)

Core Requirement (21 credit hours)

Statistical Methods (3 cr.) Select (1) of the following

Course #	Course Name	Term	Grade	Credits
STAT-S 520	Introduction to Statistics			
SPEA-V 506	Statistical Analysis for Effective Decision-Making			

Data Visualization (3 cr.) Select (1) of the following

Course #	Course Name	Term	Grade	Credits
ENGR-E 583	Information Visualization			
ENGR-E 584	Scientific Visualization			
INFO-I 590	Topic: Data Visualization			

Management in Theory Select (2) of the following

Course #	Course Name	Term	Grade	Credits
ILS-Z 513	Organizational Informatics			
ILS-Z 645	Social and Organizational Informatics of Big Data			
ILS-Z 604	Topic: Social and Ethical Impacts of Big Data			

Management in Practice Select (2) of the following

Course #	Course Name	Term	Grade	Credits
ILS-Z 512	Information Systems Design			
ILS-Z 556	Systems Analysis and Design			

M.S. in Data Science – Managerial

Course #	Course Name	Term	Grade	Credits
ILS-Z 586	Digital Curation			
Machine learning, Data Mining, and Text Mining Select (1) of the following				
Course #	Course Name	Term	Grade	Credits
CSCI-B 505	Applied Algorithm			
CSCI-B 551	Elements of Artificial Intelligence			
CSCI-B 555	Machine Learning			
CSCI-B 561	Advanced Database Concepts			
CSCI-B 565	Data Mining			
CSCI-B 657	Computer Vision			
CSCI-P 556	Applied Machine Learning			
ENGR-E 511	Machine Learning for Signal Processing			
ILS-Z 534	Search			
INFO-I 513	Usable Artificial Intelligence			
INFO-I 606	Network Science			
Capstone (3 cr.) Select (1) of the following				
Course #	Course Name	Term	Grade	Credits
DSCI-D 590	Topic: Faculty Assistance in Data Science (FADS)			
DSCI-D 591	Graduate Internship			
DSCI-D 592	Data Science in Practice (DSIP)			
DSCI-D 699	Independent Study in Data Science *(only up to 3 cr. to count in Capstone)*			
INFO-I 590	Topic: LAIDEL (Luddy Artificial Intelligence Development and Experience Laboratory)			
ILS-Z 690	Capstone in Information Architecture			
MGEN-Q 581	Introduction to Quantitative Biomedical Sciences (IU Indianapolis)			

Electives (6 Cr.) Students may not earn credit for courses taken to fulfill the core, domain, or capstone requirements. No more than three (3) credit hours of DSCI-D 591 may be earned. No more than three (3) credit hours of DSCI-D 590, Data Science On-Ramp, may be earned				
Course #	**Course Name**	**Term**	**Grade**	**Credits**
Approved Course Exception Please outline on this form and upload separate documentation of the written approval from DGS within the graduation application documents				
Course #/Course #	**Course Name/Course Name Approved Exception**	**Term**	**Grade**	**Credits**

Only grades of C, C+, B-, B, B+, A-, A, and A+ count towards the degree. Grades of C- are included in GPA computations but do not count towards degree requirements.

Please upload the completed form to your graduation application form.