FastForward Program

*These classes are typically taken during your senior year and will count towards the completion of both your undergraduate and graduate degrees, giving you a head start in your graduate program.

B.S. Computer Information Systems and M.S. Data Science Sample Degree Plan



UNDERGRADUATE

B.S. Computer Information Systems



GRADUATE M.S. Data Science



EMPLOYED

YEAR 1	YEAR 2	YEAR 3	YEAR 4	YEAR 5	YEAR 6
0 Speaking to Make a Difference	SCI 205E Natural Science	CIS 375 Java Programming	CIS 458 Business Process Management	MSDS 660 Statistical Methods and	Systems Analyst

COM 250 Speaking to Make a Difference **RCC 200** Writing Analytically RCC 420 J. Justice and the Common Good EN 250 Literature Matters FAC 225 Music of the Rock Era

COM 400 Intercultural Communication

HS 240E-W Western Civilization

HS 200 Sustainability and Collapse

in World History MT 320 Discrete Mathematics

PY 441 Social Psychology

CIS 300 Foundations of Info Systems CIS 325 Systems Analysis and Design CIT 311 Enterprise Systems Architecture CIT 330 Foundations of Cyber Security

CIS 275 Foundations of Programming

RC 409 Justice and Peace

CIS 375 Java Programming PL 270 Philosophical Explorations CS 338 Mobile and Enterprise Computing MT 270 Intro to Statistics PL 482 Elements of Successful Argument RT 201 Religion and the Human Quest CIS 445 Database Management CIS 448 Project Management

> CIS 465 IS Strategy and Management **CS 444** Introd to Software Engineering AC 3200 Principles of Accounting I BA 2900 Intro to Business CIS 318 Ethics for the Information Technology Professional

CIS 458 Business Process Management CIS 461 Business Analytics CIS 462 Supply Chain Management CIS 464 Enterprise Systems

*MSDS 600 Intro to Data Science *MSDS 610 Data Engineering *MSDS 640 Ethics, Privacy, and Social Justice in Data Science *MSDS 650 Data Analytics

MSDS 660 Statistical Methods and Experimental Design MSCC 697 Information Technology

Research Method MSDS 670 Data Visualization

MSDS 680 Machine Learning

MSDS 662 Exploratory Data Analysis MSDS 688 Artificial Intelligence MSDS 692 Data Science Practicum I MSDS 696 Data Science Practicum II

Systems Analyst Solutions Architect Database Manager Information Systems Manager Computer Programmer **Business Process Analyst**

