THE CLEARY BUSINESS ARTS™ CURRICULUM
DATA MANAGEMENT AND ANALYSIS

Digital technology has changed the world! How we store, access and analyze information is a priority for all businesses, and so is the need for experts to manage these complex systems effectively and securely. With a degree in Data Management and Analysis from Cleary, graduates will be fully prepared to monitor and maintain computer databases and security systems, install software, create files, design data bases, assist users and troubleshoot problems. Students will learn the entire spectrum of data analytics and management and graduate with strong quantitative, analytical and critical thinking skills. You will be a data driven decision maker and leader.

Earn a Google Data Analytics Professional Certificate with this degree.

Get started in the in-demand field of data analytics with a Professional Certificate from Google. Learn how to process and analyze data, use key analysis tools, apply programming, and create visualizations that can inform key business decisions. Students successfully completing Data Management and Analysis concentration will receive Google's Data Analytics Professional Certificate along with their Cleary degree.

Career opportunities available in Data Management and Analysis

According to the World Economic Forum's future jobs report (2020), one of the three top jobs with increasing demand in the US is data analyst. More than 80 percent of companies are likely to adopt robust data analytics technology by 2025 and they will need experts. Career opportunities include business analyst, operations analyst, data analyst, data scientist, business intelligence analyst, data architect, logistics analyst, business systems analyst, marketing analyst and more.

The Cleary Mind™ gives Cleary graduates a competitive advantage

Cleary University instills in our students the following:

Critical Thinking	Ethics	Persuasion	Entrepreneurship
Leadership	Creative Thinking	Problem Solving	Communication

The Cleary Mind™ is the core of who we are and what distinguishes us from other universities. As students begin their academic career here – online or on campus – they begin learning the attributes of The Cleary Mind™ and by the time they graduate, The Cleary Mind™ has become their way of thinking, leading and living. That's why employers want to hire Cleary graduates. They not only have the workplace competencies to master their new job, but they also are ready to serve as creative and critical thinkers, problem solvers, effective and persuasive communicators, and ethical leaders, mentors and entrepreneurs. They exceed the expectations of employers!

DATA MANAGEMENT & ANALYSIS

YEAR ONE

Semester One
FALL SEMESTER

ENG 1000	English Composition	3.0
PHL 1200	Critical Thinking in an Illogical World	3.0
BUS 1000	The Business of Environmental Sustainability	3.0
TCM 1000	Business Arts Immersion	3.0
	Total Credits:	12.0

Semester Two
SPRING SEMESTER

ENG 1100	Discourse and Delivery	3.0
ECO 1000	Economies and Economics 1 (Macroeconomics)	3.0
GE HCC	Human Civilization, Legacy and Creation	3.0
QLR 1000	Data Foundations	3.0
Elective		3.0
CAR 1000A	Career Fulfillment	0.5
	Total Credits:	15.5

YEAR TWO

Semester Three
FALL SEMESTER

COM 1400	Speak Up!	3.0
ECO 2000	Economies and Economics II	3.0
ACC 1000	Principles of Accounting and Economic Renaissance I	3.0
GE NPW	Observation and Analysis of the Natural and Physical World	3.0
MKT 2100	Transformational Marketing	3.0
CAR 1000B	Career Fulfillment	0.5
	Total Credits:	15.5

Semester Four
SPRING SEMESTER

LAW 2900	Business Law	3.0
HRM 2800	How We Work Together	3.0
ACC 2000	Financial and Managerial Accounting for Sustainability	3.0
OPM 2000	How the Operation Works	3.0
GE PDW	Perspective on a Diverse World	3.0
CIS 2100	Computer Operating Systems	3.0
	Total Credits:	18.0

YEAR THREE

Semester Five
FALL SEMESTER

COM 3100	Communicating to a Shrinking World	3.0
MGT 3400	Managing Projects and Processes in Organizations	3.0
LED 3010	Leadership Applications	3.0
MKT 3000	Transactional Marketing	3.0
ELE	Elective Course	3.0
	Total Credits:	15.0

Semester Six
SPRING SEMESTER

BUS 3500	Strategic Thinking from the Inside Out	3.0
HUM 3250	Cross-Cultural Diversity	3.0
DMA 3200	Introduction to Data Analysis	3.0
BUS 4200	Successful Negotiation Skills	3.0
ELE	Elective Course **	3.0
CAR 1000C	Career Fulfillment	0.5
	Total Credits:	15.5

YEAR FOUR

Semester Seven
FALL SEMESTER

DMA 4200	Data Analysis in Business	3.0
MGT 4071	Organizational Behavior **	3.0
DMA 3600	Data-Driven Decisions	3.0
DMA 4070	Analyze Data with SQL and R	3.0
ELE	Elective Course **	3.0
	Total Credits:	15.0

Semester Eight
SPRING SEMESTER

PHL 4900	The Social Contract	3.0
LED 4900	Leadership Seminar	3.0
DMA 4080	Analyze Data with Python	3.0
COM 4400	Strategic Communication of Data Analysis	3.0
ELE	Elective Course **	3.0
CAR 1000D	Career Fulfillment	0.5
BBA 9999	Undergraduate Curricular Assessment	0.0
	Total Credits:	15.5

*   *Students receiving transfer or prior learning credits may alter the above example schedule. See the Cleary University Catalog for further details.*

**   *Course or elective course may be taken at the graduate level if a student plans to pursue a Cleary University graduate program. See the Cleary University Catalog for further details.*

PROGRAM TOTAL CREDITS	122.0

■ *Denotes course(s) needed to fulfill Google certification requirements.*