

ORAL ROBERTS UNIVERSITY
 DEGREE: **Master of Science in Data Analytics**
 MAJOR:
 CONCENTRATION:

DEGREE PLAN SHEET 2026-2027
ORU Online & Lifelong Learning

TOTAL HOURS REQUIRED 30
 Hours in ORU distinctives 3
 Hours in core 27

Name _____
 ID _____ Date _____
 Telephone _____ Email _____
 Advisor _____

SEMESTER TAKEN	COURSE CODE	COURSE TITLE	CREDIT HOURS	SEMESTER TAKEN	COURSE CODE	COURSE TITLE	CREDIT HOURS
YEAR 1, Fall Semester A				YEAR 1, Spring Semester B			
_____	GDA 501	Graduate Orientation	0	_____	GDA 533	Managing Big Data Technologies*	3
_____	GDA 503	Spirit-Empowered Analysts	3	YEAR 1, Summer Semester A			
YEAR 1, Fall Semester B				_____	GDA 543	Prescriptive Analytics & Decision Modeling	3
_____	GDA 513	Principles of Data Science*	3	YEAR 1, Summer Semester B			
YEAR 1, Spring Semester A				_____	GDA 553	Predictive Analytics and Machine Learning	3
_____	GDA 523	Programming for Data Analytics*	3				
YEAR 2, Fall Semester A				YEAR 2, Spring Semester B			
_____	GDA 563	Diagnostic Analytics and Data Mining	3	_____	GDA 595	Capstone in Data Analytics	3
YEAR 2, Fall Semester B							
_____	GDA 573	Descriptive Analytics and Data Visualization	3				
YEAR 2, Spring Semester A							
_____	GDA 583	Ethics and Governance in Data Science	3				

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Above is a list of courses that must be taken in order to complete your degree. The order may change due to the availability of courses or previous graduate course work. However, it is suggested that you follow this degree plan format. **(NOTE: This is not your transfer evaluation!)**

*Course requires either an undergraduate prerequisite earned with a grade of "C" or higher or co-requisite enrollment with a 1-credit-hour GBLV leveling course.



Master of Science in Data Analytics

ORU Online and Lifelong Learning
2026-2027

ORU Distinctives

GDA	501	Graduate Orientation
GDA	503	Spirit-Empowered Analysts

ORU Distinctives Total

Credit Hours

0

3

3

Prerequisite*/Leveling Courses**

Choice of one of the following:

CSC	111	Introduction to Computing	[3]
GBLV	509	Foundations of Information Management	1

Choice of one of the following:

LDR	221	Data-Driven Decision-Making	[3]
GBLV	501	Foundations of Management	1

Choice of one of the following:

MAT	232	Elementary Statistics	[3]
GBLV	504	Foundations of Statistics	1

Prerequisite/Leveling Course Total

0-3

Data Analytics Core (All Required)

GDA	513***	Principles of Data Science	3
GDA	523***	Programming for Data Analytics	3
GDA	533***	Managing Big Data Technologies	3
GDA	543	Prescriptive Analytics and Decision Modeling	3
GDA	553	Predictive Analytics and Machine Learning	3
GDA	563	Diagnostic Analytics and Data Mining	3
GDA	573	Descriptive Analytics and Data Visualization	3
GDA	583	Ethics and Governance in Data Science	3
GDA	595	Capstone in Data Analytics	3

Data Analytics Core Total

27

Degree Total (Without Leveling Courses)

30

Degree Total (With Leveling Courses)

31-33

*Students admitted into this program are required to have completed an undergraduate degree comprised of the prerequisite courses listed or equivalences from their transcript.

**Students who have a bachelor's degree that does not meet the prerequisites must take leveling courses concurrent with their M.S. in Data Analytics. The degree total of 31-33 depends on which leveling courses are needed.

***Course requires either an undergraduate prerequisite earned with a grade of "C" or higher or co-requisite enrollment with a 1-credit-hour GBLV leveling course.