ORAL ROBERTS UNIVERSITY

DEGREE: **Master of Science**

MAJOR: **Computer Science**

CONCENTRATION: Computer Science

DEGREE PLAN SHEET 2021 - 2022

College of Science and Engineering

TOTAL HOURS REQUIRED

30.5

Name _____

ID _____ Date _____

Telephone _____ Email _____

Advisor _____

SEMESTER TAKEN	COURSE CODE		COURSE TITLE	CREDIT HOURS	SEMESTER TAKEN	COURSE CODE		COURSE TITLE	CREDIT HOURS
			Semester 1					**Semester 2**	
____	GCSC	544	Distributed Systems	3	____	GCSC	511	Software Engineering	3
____	GCSC	570	Automata and Complexity Theory	3	____	GCSC	562	Big Data and High Performance Computing	3
____	GTHE	510	Holy Spirit Empowerment in Life and Ministry	2	____	GCSC	599	Research in Computer Science OR GCSC Elective	3
____	GHPE	503	Graduate Health Fitness	1	____				
				9					9
			Semester 3					**Semester 4**	
____	GCSC	556	Advanced Algorithms	3	____	GHPE	____	GPHE Elective	0.5
____	GCSC	599	Research in Computer Science	3	____	GCSC	599	Research in Computer Science	3
____	GCSC	____	GCSC Elective	3	____	GCSC	____	GCSC Elective	3
				9					6.5

College of Science and Engineering: MSCS-CS

Concentration				**Credit Hours**
GCSC	511	Software Engineering		3
GCSC	544	Distributed Systems		3
GCSC	556	Advanced Algorithms		3
GCSC	562	Big Data and High Performance Computing		3
GCSC	570	Automoata and Complexity Theory		3
			Concentration Total	15

Capstone

Choose one of the following:

Thesis Option - Three Semester Sequence:

GCSC	599	Research in Computer Science		9

Project Option - Two Semester Sequence

GCSC	599	Research in Computer Science		6
			Capstone Total	9 (6)

GCSC Electives

Choose From

GCSC	554	Special Topics in Computer Science		
GCSC	561	Data Mining and Machine Learning		
GCSC	563	Artificial Intelligence		
GMGT	585	Business Analytics		
GMGT	586	Intermediate Business Analytics		
			Electives Total	3 (6)

ORU Distinctive Courses

GTHE	510	Holy Spirit Empowerment in Life and Ministry		2
GHPE	503	Graduate Health Fitness		1
Choose one of the following:				0.5
GHPE	515	Graduate Aerobics		
GHPE	525	Graduate Walk for Fitness		
HPE	_____	HPE Activity Course		
			ORU Distinctives Total	3.5
			Degree Total	30.5