

MONROE COLLEGE

School of Information Technology 2021-2022

KING GRADUATE SCHOOL

Data Science (MS)

Total Credits: 36

Required Core Courses: 27 Credits

<u>Course #</u>	<u>Course Name</u>	<u>Credits</u>
CS-617	Statistical Computing	3
CS-628	Data Science	3
CS-630	Database Systems	3
CS-633	Data Mining	3
CS-650	Artificial Intelligence	3
CS-655	Machine Learning	3
CS-675	Big Data: Management and Analytics	3
CS-703	Applied Data Science Project	3
KG-601	Research and Critical Analysis	1
KG-602	Ethics and Leadership	2
Sub-total:		27

Electives: 9 credits – *Select any 3 courses:*

<u>Course #</u>	<u>Course Name</u>	<u>Credits</u>
CS-640	Computer Networks	3
CS-645	Computer Security and Privacy	3
CS-665	Analytic Techniques	3
CS-670	Cloud Computing	3
CS-707	Research Topics in Data Science	3
Sub-total:		9