

## MASTER OF SCIENCE DATA SCIENCE

### GRADUATION CHECKLIST

To graduate, students must pass all the stated courses in this list. It is the responsibility of the students to ensure that all courses are taken and passed. Students who do not complete any of the courses are not allowed to graduate.

<b>University Common Elective (Choose 1 course)</b>		<b>Credit</b>
UHAP 6013	Seminar on Global Development, Economics and Social Issues	3
UHAW 6023	Philosophy of Science and Civilization	3
UCSM 1263	IT Project Management	3
UHAZ 6123	Malaysian Society and Culture	3
<b>Core Subject (Compulsory)</b>		
MCDS 1113	Statistic for Data Science	3
MCDS 1013	Business Intelligence and Analytics	3
MCDS 1123	Big Data Management	3
MCDS 1043	Research Design and Analysis in Data Science	3
MCDS 1053	Data Science Governance	3
MCDS 2123	Massive Mining and Streaming	3
MCDS 2213	Advanced Analytics for Data Science	3
<b>Elective Subject (Choose 3 courses)</b>		
MCDS 1103	Computational Data Visualization	3
MCDS 1123	Big Data Computing	3
MCDS 1133	Operational Research and Optimization	3
MCDS 1143	Supply Chain Analytic	3
MCDS 1153	Human Based Computing	3
<b>Master Projects</b>		
MCDS 6215	Master Project I	5
MCDS 6227	Master Project II	7
Total		45