

| Code | Intended Learning Outcomes |
|------|---|
| PLO6 | Able to continuously digest, manage and integrate current data science knowledge and analytic skills through the lifelong learning process. |
| PLO7 | Able to demonstrate behaviour that portrays social responsibility in conducting project to solve data driven problems in real-world. |
| PLO8 | Able to work cooperatively with all internal and external stakeholders to solve data driven problems in real-world. |

GRADUATION CHECKLIST

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

| University Common Elective (Choose 1 course) | | Credit |
|--|--|--------|
| 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 |
| Core Subject (Compulsory) | | |
| MCSD 1013 | Business Intelligence and Analytics | 3 |
| MCSD 1043 | Research Design and Analysis in Data Science | 3 |
| MCSD 1053 | Data Science Governance | 3 |
| MCSD 1113 | Statistic for Data Science | 3 |
| MCSD 1123 | Big Data Management | 3 |
| MCSD 2123 | Massive Mining and Streaming | 3 |
| MCSD 2213 | Advanced Analytics for Data Science | 3 |
| Elective Subject (Choose 3 courses) | | |
| MCSD 1103 | Computational Data Visualization | 3 |
| MCSD 1123 | Big Data Computing | 3 |
| MCSD 1133 | Operational Research and Optimization | 3 |
| MCSD 1143 | Supply Chain Analytic | 3 |
| MCSD 1153 | Human Based Computing | 3 |
| Master Projects | | |
| MCSD 6215 | Master Project I | 5 |
| MCSD 6227 | Master Project II | 7 |
| Total | | 45 |