Name: [   ]

ID No: [   ]

Total credit hours of the program in MS in Data Science & Analytics are 40 and the credit distribution is as described below:

A. Core Courses   = 28 Credits

B. Elective Courses   =12 Credits

Total= 40 Credits

A. Core Courses (28Credits)

Students must complete all 8 courses listed below: (Put tick mark (√) in the box)

Course No.		Course Title	Credits
DSA5001	☐	Statistical Methods and Probability	3
DSA5002	☐	Programming for Data Science	3
DSA5003	☐	Database Management Systems	3
DSA5004	☐	Regression Analysis	3
DSA5005	☐	Multivariate Statistical Analysis	3
DSA5006	☐	Machine Learning	3
DSA5007	☐	Big Data & Cloud Computing	3
DSA5099	☐	Research Project	7
Total			**28 credits**

B. Elective Courses   (4 courses 12C)

Students must choose any 4 courses from the following list of courses. (Put tick mark (√) in the box)

Course No.		Course Title	Credits
DSA5011	☐	AI & Deep Learning	3
DSA5021	☐	Time Series Analysis & Forecasting	3
DSA5041	☐	Applied Econometrics	3
DSA5043	☐	Business Process Analytics	3
DSA5045	☐	Machine Learning for Finance	3
DSA5047	☐	Data Analytics for Finance	3
DSA5061	☐	Environmental Data Analysis and Climate Change	3

DSA5063	☐	Bioinformatics	3
DSA5065	☐	Biostatistics & Epidemiology	3
DSA5071	☐	Generalized Linear Models	3
DSA5073	☐	Categorical Data Analysis	3
DSA5075	☐	Design of Experiment	3
DSA5077	☐	Actuarial Data Analysis	3
Total 12 Credits need to be completed from this course list			

Complete Extra Credit Courses (if any):

Waived Courses from EWU (also attach the copy of letter, if any):

Recommendation of the Advisor:

Recommendation of the Chairperson:

Document(s): Attach a photocopy of your latest grade sheet: