

BA Economics with Data Science

Paper/ Semester	Paper-I	Paper-II	Paper-III	Paper-IV	Paper-V	Languages	Compulsory Paper	Elective Paper	Total Credits
I	Intermediate Microeconomics –I (4)	Intermediate Macroeconomics-I (4)	Statistics for Economics-I (4)	Mathematics for Economics –I (4)		Kannada (4) English (4)	Constitutional Values (2)		26
II	Intermediate Microeconomics – II (4)	Intermediate Macroeconomics-II (4)	Statistics for Economics-II (4)	Computer Applications: Applied Excel- Lab (2+2)		Kannada (4) English (4)	Constitutional Values (2)		26
III	Development Economics (4)	Indian Economy (4)	Econometrics -I (4)	Database Management Systems-SQL in Economic Analysis (2+2)		Kannada (4) English (4)		Data Analysis of Indian Economy (2)	26
IV	International Economics (4)	Financial Economics (4)	Econometrics-II (4)	Introduction to Programming R (1+3)		Kannada (4) English (4)	Research Methodology-I (2)	Working with Statistics of Karnataka Economy (2)	28
V	Public Economics (4)	Time Series Econometrics with R Lab (3+1)	Introduction to Big Data Analytics (3)	Applied Econometrics with R R (1+3)	Specialization Paper (3) Agricultural Economics Data Analysis with Python-I (3)		Research Methodology-II (2)		21
VI	Environmental Economics (4)	Industrial Economics (4)	Artificial Intelligence and Machine Learning (3)	Introduction to AI in Finance (3)	Specialization Paper (3) A Gender and Demography B: Data Analysis with Python-I (3)		Project (2)		20
	24	24	22	23	6	32	10	4	145