Bachelor of Business Science (BBSc) Honours Degree Programme Curriculum

Faculty of Business

Programme Curriculum

Curriculum – Common Core (Semester 1, 2 & 3)

Module Code	Module Name	Category	Lectures hrs/week	Lab/ Assignments hrs/weeks	Credits		Norm		Evaluation (%)	
					GPA	NGPA	GPA	NGPA	CA	WE
Semester 1										
IM1100	Microeconomics	Core	2		2				30	70
DS1170	Mathematical Methods for Business - I	Core	2		2				30	70
DS 1100	Probability and Statistics for Business	Core	1	3	2				30	70
IM1200	Principles of Management & Organizational Behaviour	Core	3		3		18		30	70
DS1000	Principles of Programming	Core	2	3	3				70	30
DS1910	Seminar I - Analysis of Business Environment	Core	1	3	2				100	-
IM1210	Business Communication Skills	Core	1	3	2				50	50
IM1600	Financial Accounting	Core	2		2				30	70
	Total time tabled hours		**11**	**12**						
	Total for Semester 1						**18**	**0**		

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Module Code	Module Name	Category	Lectures hrs/week	Lab/ Assignments hrs/weeks	Credits		Norm		Evaluation (%)	
					GPA	NGPA	GPA	NGPA	CA	WE
Semester 2										
IM1610	Financial Management	Core	2		2					
DS1170	Mathematical Methods for Business -II	Core	2	3	3				30	70
IM1400	Principles of Marketing	Core	2	3	3		13		30	70
DS1010	Introduction to Databases	Core	2	3	3				30	70
DS1920	Seminar II - Analysis of Business Environment	Core	1	3	2				100	-
DS1950	Independent Study –I	Core		3		1		1	100	-
	Total time tabled hours		**10**	**15**						
	Total for Semester 2						**13**	**1**		

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Module Code	Module Name	Category	Lectures hrs/week	Lab/ Assignments hrs/weeks	Credits		Norm		Evaluation (%)	
					GPA	NGPA	GPA	NGPA	CA	WE
Semester 3										
IM2100	Macroeconomics	Core	2		2				30	70
TM2710	Operations Management – I	Core	2		2				40	60
IM2600	Management Accounting – I	Core	2		2		16		30	70
DS2030	Management Information Systems	Core	2		2				30	70
DS2910	Seminar III - Analysis of Business Environment	Core	1	3	2				100	-
DS2300	Introduction to Business Analytics	Core	2		2				40	60
DS2120	Introduction to Stochastic Methods in Business	Core	2		2				30	70
TM2720	Introduction to Business Process Management	Core	2		2				30	70
	Total time tabled hours		**15**	**3**						
	Total for Semester 3						**16**	**0**		

Curriculum – Specializations (Semester 4, 5. 6, 7&8)

Business Analytics Specialization

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Business Analytics (BA) Specialization

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Business Process Management (BPM) Specialization

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Module Code	Module Name	Category	Lectures hrs/week	Lab/ Assignments hrs/weeks	Credits		Norm		Evaluation (%)	
					GPA	NGPA	GPA	NGPA	CA	WE
Semester 4										
IM2620	Corporate Finance	Core	2		2				30	70
DS2140	Fundamentals of Stochastic Calculus	Core	3		3				30	70
DS2010	System Analysis & Design	Core	2		2				40	60
DS2310	Data Visualisation for Business	Core	1	3	2		16	1	40	60
DS2020	Data Structures and Algorithms	Core	2	3	3				30	70
TM2730	Operational Research	Core	2		2				30	70
DS2920	Seminar IV - Analysis of Business Environment	Core	2		2				100	-
DS2900	Independent Study – II	Core		3		1			100	-
	Total time tabled hours		**14**	**9**						
	Total for Semester 4						**16**	**1**		

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Module Code	Module Name	Category	Lectures hrs/week	Lab/ Assignments hrs/weeks	Credits		Norm		Evaluation (%)	
					GPA	NGPA	GPA	NGPA	CA	WE
Semester 5										
DS2130	Business Application Development	Core	2	3	3				30	70
TN3720	Business Process Simulation	Core	1	3	2				30	70
DS3910	Seminar V – ICT4D Project	Core	2		2		13		100	-
DS3100	Statistical Methods for Business	Core	2	3	3				30	70
DS3300	Intelligent Systems	Core	2	3	3				40	60
DS3180	Multivariate Methods in Business	Elective	2	3	3				30	70
IM3610	Money and Banking	Elective	2		2				30	70
DS3160	High Performance Computing Platforms	Elective	2	3	3		2		40	60
IM3600	Financial Markets	Elective	2		2				30	70
	Total time tabled hours		**14**	**12**						
	Total for Semester 5						**15**	**0**		

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Module Code	Module Name	Category	Lectures hrs/week	Lab/ Assignments hrs/weeks	Credits		Norm		Evaluation (%)	
					GPA	NGPA	GPA	NGPA	CA	WE
Semester 6										
DS3360	Predictive Business Analytics	Core	2		2				40	60
DS3030	Professional Ethics	Core	2		2				40	60
DS3310	Data Warehousing and Data Mining	Core	2	3	3				40	60
DS3930	Seminar VI - **Strategy Lab**	Core	2		2		14	2	100	-
DS3320	Big Data Analytics	Core	2	3	3				50	50
IM3240	Legal Aspects of Business	Core	2		2				30	70
DS3900	Independent Study – III	Core		6		2			100	-
DS3500	Financial Risk Management	Elective	3		3				30	70
DS3120	Financial Time Series Analysis	Elective	2	3	3		3		30	70
DS3220	Advanced Linear Models	Elective	1	3	2				30	70
	Total time tabled hours		**17**	**15**						
	Total for Semester 6						**17**	**2**		

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Module Code	Module Name	Category	Lectures hrs/week	Lab/ Assignments hrs/weeks	Credits GPA	Credits NGPA	Norm GPA	Norm NGPA	Evaluation (%) CA	Evaluation (%) WE
Internship after Semester 6										
	Internship	Core						6		
	Total for Internship							**6**		

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Module Code	Module Name	Category	Lectures hrs/week	Lab/ Assignments hrs/weeks	Credits		Norm		Evaluation (%)	
					GPA	NGPA	GPA	NGPA	CA	WE
Semester 7										
DS4300	Large-Scale Business Data Analysis	Core	2	3	3				50	50
DS4990	R & D Project	Core			4				100	-
TM4720	Business Decision Analytics under Uncertainty	Core	2	3	3		14		30	70
DS4980	Seminar VII - Social Media Analytics	Core	2		2				100	-
TM3770	IT Project Management	Core	2		2				30	70
IM4600	Behavioural Finance	Elective	2		2				30	70
DS4220	Statistical Learning	Elective	3		3		4		30	70
IM4230	Business & Commercial Law	Elective	2		2				30	70
	Total time tabled hours		**13**	**6**						
	Total for Semester 7						**18**	**0**		

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Module Code	Module Name	Category	Lectures hrs/week	Lab/ Assignments hrs/weeks	Credits GPA	Credits NGPA	Norm GPA	Norm NGPA	Evaluation (%) CA	Evaluation (%) WE
Semester 8										
DS4010	Information System Security	Core	2		2				40	60
DS4320	Future Horizons for Enterprise	Core	2	3	3				50	50
DS4990	R & D Project	Core			4		13		100	-
DS4930	Seminar VIII – Impact of Analytics	Core	2		2				100	-
IM4240	Strategic Management	Core	2		2				40	60
TM4760	Quality Management	Elective	2		2				30	70
TM4750	Managing Innovation and R & D	Elective	2		2		4		30	70
IM4220	International Business Trade	Elective	3		3				30	70
IM4250	Human Resource Development	Elective	2		2				30	70
	Total time tabled hours		**12**	**3**						
	Total for Semester 8						1**7**	**0**		
	Total for the BA Programme						**130**	**10**		

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Business Process Management (BPM) Specialization

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