DEGREE OF MASTER OF ARTS IN BIG DATA MANAGEMENT AND APPLICATION (01G1NC70)

This is the prescription for the degree taken at the **China University of Geosciences (Beijing)**

Students must also comply with the University General Regulations and the Supplementary Regulations for the Degree of Master of Arts and the Regulations for TNE Programmes Delivered in Partnership with China University of Geosciences (Beijing) (CUGB)

All the courses listed below are prescribed for this degree

PROGRAMME YEAR 1
130 Credit Points

Term 1			Term 2		
Course Code	**Course Title**	**Credit Points**	**Course Code**	**Course Title**	**Credit Points**
BF 2001	Introduction to Big Data	15	BA 1501	Accounting, Communication and Control	15
CUGB TBC	Management	10	BD 1501	Academic Writing for Business	15
CUGB TBC	Higher Mathematics A (1)	30	GUGB TBC	Higher Mathematics A (2)	30
			CUGB TBC	Principles of Economics	15

PROGRAMME YEAR 2
135 Credit Points

Term 1			Term 2		
Course Code	**Course Title**	**Credit Points**	**Course Code**	**Course Title**	**Credit Points**
BF 2002	Big Data Analysis: Practical Training	15	BD 2501	Research Methods	15
CUGB TBC	Python Program Design	10	BD 2502	Marketing and Big Data	15
CUGB TBC	Linear Algebra	10	BF 2502	Web Development	15
			CUGB TBC	Probability and Mathematics Statistic	15
CUGB TBC	Fundamentals of Big Data Technology	10	CUGB TBC	Management Information Systems	15
			CUGB TBC	Principle and Design of Database	15

PROGRAMME YEAR 3
125 Credit Points

Term 1			Term 2		
Course Code	**Course Title**	**Credit Points**	**Course Code**	**Course Title**	**Credit Points**
BD 3001	Business Frontiers	15	BD 3503	Applied Data Analytics	15
BD 3002	Operational Management	15	BF 3504	Modelling and Problem Solving for Computing	15
BE 3001	Econometrics	15	BF 3505	Machine Learning and Artificial Intelligence	15
BF 3003	Data Mining and Business Intelligence	15	CUGB TBC	Big Data Security and Governance	15
			CUGB TBC	Professional Practice	5

PROGRAMME YEAR 4
90 Credit Points

Term 1			Term 2		
Course Code	**Course Title**	**Credit Points**	**Course Code**	**Course Title**	**Credit Points**
BD 4001	Business Strategy	15	BD 4502	Dissertation	60
BF 4004	Human-Computer Interaction	15			

Notes	
1.	All courses are compulsory for the degree to be awarded.
2.	The courses coded BA, BD and BF are delivered by the University of Aberdeen.
3.	Students will be classified on the 180 credits delivered by University of Aberdeen staff.
4.	To satisfy Chinese Ministry of Education requirements students will be required to take a number of additional compulsory and elective courses over their studies as outlined by the China University of Geosciences, Beijing. Only those courses delivered by the University of Aberdeen as noted in note 3 will count towards the University of Aberdeen degree.