

SAI Four-Year Study Plan of Business Analytics Programme (2025 cohort)

Rev 20250516

Course Code	Course Title	Year One			Year Two			Year Three		Year Four	
		Sem 1	Winter	Sem 2	Sem 1	Sem 2	Summer	Sem 1	Sem 2	Sem 1	Sem 2
I. Major Required Courses (63 Units)											
ACCT2043	Principles of Accounting I	3									
BA1003	Database Management and Applications			3							
EBIS3033	Programming for Business Applications			2	3						
BA2023	Operations Research				3						
BA2043	R Language for Statistics				3						
ECON2063	Introduction to Economics				3						
ECON3113	Linear Algebra for Economics and Finance			3	2						
BA2013	Data Mining with Big Data					3					
BA2033	Optimization Methods					3					
MKT2003	Principles of Marketing Management					3					
BA2003	Artificial Intelligence and Deep Learning							3			
BUS3023	Business Research Methods							3			
FIN3073	Financial Mathematics							3			
BA3083	Multiple Criteria Decision Making								3		
BA3093	Simulation and Risk Analysis								3		
BA3103	Statistical Reasoning for Business Decisions								3		
BA3113	Supply Chain Management and Logistics								3		
BA4023	Decision Behavior, Analysis, and Support									3	
BA4033	Knowledge Management and Digitalization									3	
BA4043	Social Media and Digital Marketing									3	
BUS4103	Final Year Project (BUSA)										3
II. Major Elective Courses (9 Units)											
ME01 ME02 ME03								3	3	3	
III. University Core Courses (37 Units)											
UCLC1003	University Chinese	3									
UCLC1013	English for Academic Purposes I	3									
UCLC1023	English for Academic Purposes II			3							
UCA11003	Introduction to AI Literacy			3							
CHI1103	Introduction to Modern Social Theories					2			3		
CHI1203	Morality and Foundations of Law	3									
CHI1063	Chinese Culture and Modern China				3						
CHI1073	Contemporary Chinese Society and Thought I			3							
CHI1253	Contemporary Chinese Society and Thought II				3						
CHI1193	Contemporary World and China ^①						2				
MT1003	Military Training		2								
WPEX1013	Emotional Intelligence	1									
WPEX2013	Experiential Arts ^②				1						
WPEX2023/ WPEX2033	Voluntary Service ^③ , or Environmental Awareness ^④					1					
UCLH1XX3	Healthy Lifestyle ^⑤	1		1	1						
IV. General Education Courses (18 Units)											
Level 1 Foundational Courses	History and Civilization ^⑥					3					
	Quantitative Reasoning ^⑦			3							
	- GFQRxxxx Probability Theory with AI-aided Business Applications										
Level 2 Interdisciplinary Thematic Courses	Values and the Meaning of Life ^⑧	3									
	Culture, Creativity and Innovation ^⑨ , or Science, Technology and Society ^⑩ , or Sustainable Communities ^⑪					3		3	2		
	- GTSCxxxx Artificial Intelligence (AI) in Business - GTSCxxxx Media Learning for Business										
Level 3 GE Capstone Courses	Service-Learning Course ^⑫ , or Service Leadership Education Course ^⑬ , or Experiential Learning Course ^⑭ , or Interdisciplinary Independent Study ^⑮							2	3		
- GCAPxxxx Artificial Intelligence in Business Interdisciplinary Projects											
V. Free Elective Courses (24 Units)											
FE01 FE02 FE03 FE04 FE05 FE06 FE07 FE08		3 ^⑯		3		3 ^⑰		6	2	9 ^⑱	
Total Units: 151		20	2	22	20	19	2	21	21	21	3

- ① This 2-unit course requires student to attend at least 10 lectures within his/her first two years of study.
 ② This denotes a course category in which a list of courses may be developed for students' selection. Students are expected to refer to the Online Course Selection System for courses available under each category.
 ③ Students are required to take ECON3123 Calculus for Economics and Finance under FE (Compulsory).
 ④ Students are required to take GFQR1023 Data Analytics for Business under this category.
 ⑤ Students are required to take GFVM1003 Business Ethics and Corporate Social Responsibility under this category.
 ⑥ Students are required to take DMM3003 AI, Data Science and Management under FE (Compulsory).
 ⑦ Students are required to take BUS4073 BBA Project I under FE (Compulsory).

SAI ME Course List of BUSA (2025 cohort)
Rev 20250508

Course Code	Course Title	Units
<i>Business Applications (BA)</i>		
BA3013	Customer Behaviours and Psychology	3
BA3053	Ethical Issues on Business Analytics	3
BUS4093	Management Information Systems	3
ECON3013	Applied Econometrics	3
<i>Data Science (DS)</i>		
BA3043	Data Visualization	3
<i>Business Applications (BA) + Data Science (DS)</i>		
BA3023	Data Analysis and Fintech Fundamentals	3
BA3123	Text Mining in Business	3
DMM3013	Data-Driven Media Management	3
DSS2033	Social Policy in Digital Society	3
<i>Data Science (DS) + Mathematical Modelling (MM)</i>		
BA3073	Mobile and Cloud Computing	3
STAT4063	Time Series Analysis	3
<i>Business Applications (BA) + Mathematical Modelling (MM)</i>		
BA3063	Global Operations Management	3
<i>Business Applications (BA) + Data Science (DS) + Mathematical Modelling (MM)</i>		
BA3033	Data Analysis in New Media	3
BA4003	Business Analysis Research Seminar	3
BA4013	Business Analytics Internship	3
EBIS2003	Introduction to Blockchain	3