Four-Year Study Plan of Digital Social Science Programme (2025 cohort)

Course Code	Course Title	Year One Sem 1	Year One Winter	Year One Sem 2	Year Two Sem 1	Year Two Sem 2	Year Two Summer	Year Three Sem 1	Year Three Sem 2	Year Four Sem 1	Year Four Sem 2
I. Major Required Courses (54 Units)											
DSS1013	Big Ideas in Social Sciences	3									
DSS1023	Invitation to Digital Social Science			3							
DS1013	Python Programming for Beginners			3							
DSS2023	Behavioral Science and the Digital World				3						
GDST1083	Web Publishing: The Science behind the Content on the Web				3						
POLS2073	Cooperation and Progress in the Guangdong-Hong Kong-Macau Greater Bay Area				3						
DS2003	Fundamentals of Database Systems					3					
ENV3073	Introduction to Geographic Information Systems for Environmental Management					3					
GTSC2053	Telling a Story with Data					3					
MCOM1013	New Media, Culture and Society					3					
DSS2013	Smart City							3			
DSS2033	Social Policy in Digital Society							3			
DSS3003	Culture, Diversity and Society							3			
GLD3063	Data Analysis for Social Sciences								3		
PRA3063	AI and Strategic Communications								3		
DSS3033	Ethics and Legal Issues in Digital Society									3	
DSS4023	Final Year Project in Digital Social Science										6
II. Major Elective Courses (21 Units)											
ME01 ME02 ME03 ME04 ME05 ME06 ME07								6	6	6	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							
UCAI1003	Introduction to AI Literacy	3									
CHI1103	Introduction to Modern Social Theories				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[②], or Environmental Awareness[②]				1						
UCHL1XX3	Healthy Lifestyle[②]	1		1		1					
IV. General Education Courses (18 Units)											
Level 1 Foundational Courses	History and Civilization[②]				3						
	Quantitative Reasoning[②]	3									
	Values and the Meaning of Life[②]			3							
Level 2 Interdisciplinary Thematic Courses	Culture, Creativity and Innovation[②], or Science, Technology and Society[②], or Sustainable Communities[②]				3			3			
Level 3 GE Capstone Courses	Service-Learning Course[②], or Service Leadership Education Course[②], or Experiential Learning Course[②], or Interdisciplinary Independent Study[②]								3		
V. Free Elective Courses (21 Units)											
FE01 FE02 FE03 FE04 FE05 FE06 FE07		3						3	6	6	3
Total Units: 151		**19**	**2**	**20**	**19**	**20**	**2**	**21**	**21**	**15**	**12**

[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.

ME Course List of DGS (2025 cohort)

Course Code	Course Title	Units
DHSS2003	Transcultural Exchange in the Humanities and Social Sciences	3
DSS2043	Machine-Learning Mathematics for Non-Science Students	3
DSS3013	Education Policy and Digital Society	3
DSS3023	Network Analysis for Social Planning	3
DSS3043	Digital Emergency and Disaster Risk Management	3
DSS3053	Learning Organizations	3
DSS3063	Social Welfare Informatics	3
DSS3073	Classical Sociological Theory and the Digital World	3
DSS3083	Quantum Social Science	3
DSS4033	Digital Social Science Internship	3
DSS4043	Digital Disease and Health Service Management	3
DSS4053	AI-Human Collaboration: Principles, Applications, and Social Implications	3
DSS4063	Healthy Living and Healthy Life in the Digital Age	3
DSS4073	Sociology of Digital Transformation	3
ENG2053	Professional and Technical Writing	3
ENG2123	Introduction to Corpus Linguistics	3
ENG2143	New Media Literacies	3
ENG3073	Language and Society	3
ENG3203	Intercultural Communication	3
GLD3123	Public Administration for the Digital Society	3
GLD3153	Transnational Migration and Development	3
PRA4073	Big Data and Advertising	3
STAT1013	Introduction to Probability and Statistics	3
TESL3013	Language and Education	3
TRA2093	Translation across Media	3
TRA3123	Computer-Aided Translation	3