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

Rev 20260720

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 (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~~ DSS1033	~~Web Publishing: The Science behind the Content on the Web~~ Web Publishing and Society: Culture, Power, and Digital Content				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 China①						2				
MT1003	Military Training		2								
WPEX1013	Emotional Intelligence			1							
WPEX2013	Experiential Arts②					1					
WPEX2023/ WPEX2033	Voluntary Service②, or Environmental Awareness②				1						
UCHL1XX3	Healthy Lifestyle②	1		1		1					
IV. General Education Courses (18 Units)											
Level 1 Foundational Courses	History and Civilization②				3						
	Quantitative Reasoning②	3									
	Values and the Meaning of Life②			3							
Level 2 Interdisciplinary Thematic Courses	Culture, Creativity and Innovation②, or Science, Technology and Society②, or Sustainable Communities②				3			3			
Level 3 GE Capstone Courses	Service-Learning Course②, or Service Leadership Education Course②, or Experiential Learning Course②, or Interdisciplinary Independent Study②								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.

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

Rev 20261110

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 (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~~ DSS1033	~~Web Publishing: The Science behind the Content on the Web~~ Web Publishing and Society: Culture, Power, and Digital Content				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 China①						2				
MT1003	Military Training		2								
WPEX1013	Emotional Intelligence			1							
WPEX2013	Experiential Arts⑦					1					
WPEX2023/ WPEX2033	Voluntary Service⑦, or Environmental Awareness⑦				1						
UCHL1XX3	Healthy Lifestyle⑦	1		1		1					
IV. General Education Courses (18 Units)											
Level 1 Foundational Courses	History and Civilization⑦				3						
	Quantitative Reasoning⑦	3									
	Values and the Meaning of Life⑦~~⑨~~			3							
Level 2 Interdisciplinary Thematic Courses	Culture, Creativity and Innovation⑦, or Science, Technology and Society⑦, or Sustainable Communities⑦				3			3			
Level 3 GE Capstone Courses	Service-Learning Course⑦, or Service Leadership Education Course⑦, or Experiential Learning Course⑦, or Interdisciplinary Independent Study⑦								3		
V. Free Elective Courses (21 Units)											
FE01 FE02 FE03 FE04 FE05 FE06 FE07		3⑥*			3⑤*			3⑥*	3⑥#	6⑦#	3
Total Units: 151		**19**	**2**	**20**	**22**	**20**	**2**	**21**	**18**	**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.

~~③ Students are suggested to take GFVM1033 Ethics in An Era of Artificial Intelligence and Robotics under this category.~~

* Common Core Course (Required) - CCR

④ Students are required to take DSS2043 Machine-Learning Mathematics for Non-Science Students under FE.

⑤ Students are required to take COMM3123 Digital Research for Humanities and Social Sciences under FE.

⑥ Students are required to take DGCX3003 AI Tools for Creative Process and Transmedia under FE.

~~⑦ Students are required to take xxxx FYP II under FE.~~

Common Core Course (Elective) - CCE:

DGCX3013	Algorithmic Culture
DIS3063	AI and Computer-Aided Translation
GLD2053	Global Digital Transformation: AI, IoT and Blockchain
MCOM4093	Technoculture
MCOM4103	AI and Journalism
PRA4073	Big Data and Advertising
PRA4083	Design Thinking and User Experience for Digital Innovation
TDH3013	Digital Narratives and Storytelling
TDH4013	Digital Text Analysis and Visualization
~~TRA3123~~	~~Computer-Aided Translation~~

⑦ Students are required to take one of the above CCE courses under FE.

⑧ Students are required to take one of the above CCE courses under FE.

ME Course List of DGS (2025 cohort)

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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
DSS3093	Chinese Society and Social Development in the Digital Age	3
DSS3103	Sociology of Transcultural Foods and Digital Platforms	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
DSS4083	Artificial Intelligence and Society	3
DSS4093	Sociology of Digital Culture	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