

Hong Kong Baptist University
Curriculum for Transdisciplinary Concentration

Transdisciplinary : Social Data Analytics and Management Concentration

Dept. /Unit	Course	Course Title	Course Subtitle	Unit	Core (C) / Elective (E)
Required Course(s)					
BUSD	BUSI3067	Social Innovation Management and Entrepreneurship Internship		3.00	C
SOSC	SOSC3007	Social Innovation Management and Entrepreneurship Internship		3.00	C
Elective Course(s)					
ECON	BUSI2045	Data Analytics for Business Decision Making		3.00	E
	ECON3005	Applied Econometrics		3.00	E
	ECON3086	Programming for Economic and Business Analysis		3.00	E
	ECON3087	Understanding the Digital Economy		3.00	E
	ECON3096	Causal Inference		3.00	E
	ECON3097	Data Visualization for Economic Storytelling		3.00	E
	ECON3105	Big Data Analytics		3.00	E
	ECON4006	Time Series Analysis and Forecasting		3.00	E
	ECON4016	Analyzing Spatial, Textual and Network Data		3.00	E
	ECON4036	Predictive Modeling and Business Forecasting		3.00	E
FDS	ISEM2006	Programming for Business Applications using Python		3.00	E
	ISEM3006	Data Management in Business		3.00	E
	ISEM3035	Introduction to Business Data Analytics and Visualization		3.00	E
	ISEM3036	Advanced Business Analytics and Data Visualization for Digital Commerce		3.00	E
	ISEM4017	Consumer Insight: Online Customer Data Analytics and Machine Learning Approaches		3.00	E
	ISEM4036	Cybersecurity and Data Privacy		3.00	E
	ISEM4037	Machine Learning for Financial & Business Forecasting		3.00	E
	ISEM4045	Textual Analysis in Business & Finance		3.00	E
GEOG	GEOG2007	Introduction to Quantitative Methods in Geography		3.00	E
	GEOG3007	Energy Problems and the Environment		3.00	E
	GEOG4047	Resource and Environmental Management in China		3.00	E
	GEOG4087	Natural Resource Evaluation and Policy Approaches		3.00	E
GIS	POLS2017	Foundations of International Relations		3.00	E
	POLS2026	Ethics, Social Well-being, and Public Health		3.00	E
	POLS4226	Public Policy and Governance		3.00	E
HIST	HIST3406	Information Technologies and Quantitative Methods for Historical Studies		3.00	E
	HIST4127	Social and Economic Development of Modern China		3.00	E
	HIST4326	Science and Society : A Historical Perspective		3.00	E
MKT	MKTG3047	Big Data Marketing		3.00	E
SOC	SOCI2005	Qualitative Methods of Social Research		3.00	E
	SOCI2006	Social Statistics		3.00	E
	SOCI2007	Quantitative Methods of Social Research		3.00	E

Hong Kong Baptist University
Curriculum for Interdisciplinary Concentration

Dept. /Unit	Course	Course Title	Course Subtitle	Unit	Core (C) / Elective (E)
Elective Course(s)					
SOC	SOCI2027	Social Problems		3.00	E
	SOCI2035	Social Inequalities		3.00	E
	SOCI2047	Hong Kong Society		3.00	E
	SOCI3025	The Internet and Society		3.00	E
	SOCI4017	Management, Organization and Society		3.00	E
	SOCI4026	Selected Topics in Contemporary Sociology I		3.00	E
	SOCI4027	Selected Topics in Contemporary Sociology II		3.00	E
SOWK	SOWK4225	Data Methodology in Social Sciences Research		3.00	E

- Remarks:
1. Students are required to take 3 units of Required Course. Course BUSI3067 is opened for non-BUSD students while SOSC3007 is opened for non-FASS students.
 2. Students are required to take 18 units of Elective Courses. To ensure transdisciplinary diversity, students should observe the following requirements:
 3. (i) For students undertaking programmes offered by the Faculty of Arts and Social Sciences or the School of Business, at least four of the elective courses should be taken by the students aside from their own faculty/school.
 4. (ii) For students undertaking programmes offered by other faculties/schools, at least two elective courses from the Faculty of Arts and Social Sciences AND two elective courses from the School of Business should be taken.
 5. (iii) Students are required to take at least four of the elective courses at Level 3 or above.