

**The Social Data Analytics and Management Concentration Elective Courses (18 units)**

		<b>Units</b>
BUSI2045	Data Analytics for Business Decision Making	3
ECON3005	Applied Econometrics	3
ECON3086	Python Programming for Economic and Business Analysis	3
ECON3087	Understanding Digital Economy	3
ECON3096	Causal Inference: Capturing Cause-and-Effect Relationships with Data	3
ECON3097	Data Visualization for Economic Storytelling	3
ECON3105	Big Data Analytics with Python	3
ECON4006	Time Series Analysis and Forecasting	3
ECON4016	Digital Platform Analytics	3
ECON4036	Business Forecasting for Analysts	3
GEOG2007	Introduction to Quantitative Methods in Geography	3
CHSG4047/ GEOG4047	Resource and Environment Management in China	3
GEOG3007	Energy Problems and the Environment	3
GEOG4087	Natural Resource Evaluation and Policy Approaches	3
HIST3406	Information Technologies and Quantitative Methods for Historical Studies	3
HIST4127	Social and Economic Development of Modern China	3
HIST4326	Science and Society: A Historical Perspective	3
ISEM2006	Programming for Business Applications using Python	3
ISEM3006	Data Management in Business	3
ISEM3035	Introduction to Business Data Analytics and Visualization	3
ISEM3036	Advanced Business Analytics and Data Visualization for Digital Commerce	3
ISEM4017	Consumer Insight: Online Customer Data Analytics and Machine Learning Approaches	3
ISEM4036	Cybersecurity and Data Privacy	3
ISEM4037	Machine Learning for Financial & Business Forecasting	3
ISEM4045	Textual Analysis in Business & Finance	3
MKTG3047	Big Data Marketing	3
POLS2026	Ethics, Social Well-being, and Public Health	3
POLS2017	Foundations of International Relations	3
POLS4226	Public Policy and Governance	3
SOCI2005	Qualitative Methods of Social Research	3
SOCI2006	Social Statistics	3
SOCI2007	Quantitative Methods of Social Research	3
SOCI2027	Social Problems	3
SOCI2035	Social Inequalities	3
SOCI2047	Hong Kong Society	3
SOCI3025	The Internet and Society	3
SOCI4017	Management, Organization and Society	3
SOCI4026	Selected Topics in Contemporary Sociology	3
SOCI4027	Selected Topics in Contemporary Sociology II	3
SOWK4225	Data Methodology in Social Sciences Research	3