

# COMM NON-COMM ELECTIVE - DATA AND NETWORK SCIENCE FOR COMMUNICATION (ACSE)

Code	Title	Course Units
AFRC 2010	Social Statistics	1
ANTH 3454	Quantitative Analysis of Anthropological Data	1
BEPP 2800	Applied Data Analysis	1
CIS 1050	Computational Data Exploration	1
CIS 1070	Visual Culture through the Computer's Eye	1
CIS 1100	Introduction to Computer Programming	1
CIS 1200	Programming Languages and Techniques I	1
CIS 1210	Programming Languages and Techniques II	1
COGS 4290	Big Data, Memory and the Human Brain	1
COML 1650	Introduction to Digital Humanities	1
CRIM 1200	Statistics for the Social Sciences I	1
CRIM 4002	Criminal Justice Data Analytics	1
CRIM 4012	Machine Learning for Social Science	1
ENGL 1650	Introduction to Digital Humanities	1
HIST 0870	Introduction to Digital Humanities	1
LING 0600	Introduction to Sociolinguistics	1
LING 0700	Data Science for Studying Language and the Mind	1
MKTG 4710	Models for Marketing Strategy	1
MKTG 4760	Applied Probability Models in Marketing	1
NETS 1120	Networked Life	1
NETS 1500	Market and Social Systems on the Internet	1
NETS 2120	Scalable and Cloud Computing	1
NETS 2130	Crowdsourcing and Human Computation	1
NETS 3120	Theory of Networks	1
NRSC 3334	Computational Neuroscience Lab	1
OIDD 2550	Artificial Intelligence, Business, and Society	1
PSCI 1800	Introduction to Data Science	1
PSCI 1801	Statistical Methods PSCI	1
PSCI 3200	Global Development: Intermediate Topics in Politics, Policy, and Data	1
PSCI 3800	Applied Data Science	1
PSCI 3802	Political Polling	1
PSCI 4102	Global Development: Intermediate Issues in Politics, Policy and Data	1
PSCI 4811	Machine Learning in Political Science, Sociology, and Economics	1
PSYC 2314	Data Science for Studying Language and the Mind	1
PSYC 4281	Computational Neuroscience Lab	1
PSYC 4290	Big Data, Memory and the Human Brain	1
SOCI 2010	Social Statistics	1
SOCI 2011	Social Statistics Using R	1
SOCI 3501	Machine Learning for Social Science	1

SOCI 4002	Criminal Justice Data Analytics	1
STAT 1010	Introductory Business Statistics	1
STAT 1020	Introductory Business Statistics	1
STAT 1110	Introductory Statistics	1
STAT 1120	Introductory Statistics	1
STAT 4420	Introduction to Bayesian Data Analysis	1
STAT 4700	Data Analytics and Statistical Computing	1
STAT 4710	Modern Data Mining	1
STAT 4760	Applied Probability Models in Marketing	1
STAT 4800	Advanced Statistical Computing	1
URBS 4300	Quantitative Methods and Tools for Urban Research	1
VLST 2090	Visual Culture through the Computer's Eye	1