

**Quantitative Methods in the Social Sciences - Columbia University**  
**Approved Elective Courses (Updated Mar 08)**

QMSS students take five elective courses: 2 in research methods/statistics & 3 in the social sciences  
 Courses not listed here may also be taken as QMSS electives. See the QMSS Director for approval.  
 Enrollment in some courses requires approval by the instructor or department.  
 Courses may be added and cancelled, and times and locations may change.  
 Check <http://www.columbia.edu/cu/bulletin/uwb> for the most up-to-date list of Columbia courses.

Course #	Section	Dept	Credits approval	Class_Name
4078	001	ANTH	3	CLUES,SIGN,TRACE:ARCH
4101	001	ANTH	3	WORKSHOP-TRANSGENERIC WRI
4148	001	ANTH	3 INS	HUMAN SKELETAL BIOLOGY II
4201	001	ANTH	3	PRIN/APPL OF SOCIETY & CU
4380	001	ANTH	3	DANGEROUS CITIZENS
4470	001	ANTH	3 INS	CRIT PERSP-HUMAN-ANIMAL R
6023	001	ANTH	3 INS	POWER AND HEGEMONY
6037	001	ANTH	3	PORTRAIT-S AFR INTELLECT
6048	001	ANTH	3	POLIT ECONOMY & SOC RELAT
6100	001	ANTH	3 INS	SEMIOTIC ANTHROPOLOGY I
6352	001	ANTH	3	MUSEUM ANTHROPOLOGY
6650	001	ANTH	3	PSYCHOANALYTIC TRAJECTOR
8545	001	ANTH	3	ANTHROPOLOGY OF AFFLICTIO
4021	001	ANTH	3	ANTHROPOLOGICAL CONSTRUCT
4042	001	ANTH	3	AGENT,PERSON,SUBJECT,SELF
4065	001	ANTH	3	ARCHAEOLOGY OF IDOLS
4470	001	ANTH	3 INS	CRIT PERSP-HUMAN-ANIMAL
4301	001	ECON	3	ECONOMIC GROWTH & DEVELOP
4421	001	ECON	4 INS	SEM-PROBS OF EMERG MRKT E
4526	001	ECON	3 INS	ECON REFORMS-TRANSITION
6211	001	ECON	4 INS	MICROECONOMIC ANALYSIS I
6215	001	ECON	4 DEP	MACROECONOMIC ANALYSIS I
6219	001	ECON	3 INS	ADV MICROECONOMIC ANALYSI
6253	001	ECON	3 INS	INDUSTRIAL ORGANIZATION I
6254	001	ECON	3	INDUSTRIAL ORGANIZATION I
6417	001	ECON	3 INS	ECONOMETRICS III: APPL EC
6429	001	ECON	3 INS	ECONOMETRCS OF MONETARY
6451	001	ECON	3 INS	THE ECONOMICS OF LABOR I
6805	001	ECON	3 INS	PUBLIC FINANCE I
6903	001	ECON	3 INS	THEORY OF INTERNATIONAL T
8440	001	ECON	3	COLL IN INDUST ORGANIZAT
8712	001	ECON	3	COLLOQUIUM IN MICROECONOM
8713	001	ECON	3	APPLIED MICROECONOMIC
8714	001	ECON	3	APPLIED MICROECON RES
8718	001	ECON	3	COLLOQUIUM IN MACROECONOM
9001	001	ECON	3 DEP	ECONOMIC THEORY
9002	001	ECON	3 DEP	MONEY & MACROECONOMCS WOR
9007	001	ECON	3 DEP	INTERNATIONAL ECONOMICS
9008	001	ECON	0 DEP	DEVPT & ENVIRON ECON WORK

9009	001	ECON	3 DEP	ECONOMETRICS WORKSHOP
9012	001	ECON	0 DEP	INDUSTRIAL ORG & STRATEGY
9016	001	ECON	3 DEP	APPLIED MICROECONOMICS LA
4251	001	ECON	3	INDUSTRIAL ORGANIZATION
4280	001	ECON	3	CORPORATE FINANCE
4321	001	ECON	3	ECONOMIC DEVELOPMENT
4325	001	ECON	3	ECONOMIC DEVELOPMENT OF
4415	001	ECON	3	GAME THEORY
4465	001	ECON	3	PUBLIC ECONOMICS
4505	001	ECON	3	INT'L MONETARY THEORY & P
6300	001	EHSC	3 BLACK BU	ENVIRONMENTAL HLTH SCIENC
6301	001	EHSC	1	ENVIRONMENTL SCI APPLCATN
6322	001	EHSC	3	ECOLOGY 101
6322	001	EHSC	3	ECOLOGY 101
6385	001	EHSC	3	PRIN-GENETICS & ENVIRON
8312	001	EHSC	3 INS	FUNDAMENTALS OF TOXICOLOG
8312	001	EHSC	3 INS	FUNDAMENTALS OF TOXICOLOG
8312	002	EHSC	4 INS	FUNDAMENTALS OF TOXICOLOG
8312	002	EHSC	4 INS	FUNDAMENTALS OF TOXICOLOG
8313	001	EHSC	3	TOXICOKINETICS
8313	001	EHSC	3	TOXICOKINETICS
8325	001	EHSC	3	RISK, ASSESSMENT, COMM/MG
9300	001	EHSC	4	TPCS OF ENVIRONMENTAL SCI
9335	001	EHSC	3	RADIATION THERAPY PHYSICS
8475	001	EPID	3 INS	EMERGING INFECTIOUS DISEA
8061	001	HIST	4	TPCS IN PRE-MODERN EUR HI
8301	001	HIST	4	EMPIRE,STATE,NATION-MOD
8538	001	HIST	4 INS	THE SOUTH AFTER RECONSTRU
8560	001	HIST	4 INS	AMERICAN CONSUMER CAPITAL
8590	001	HIST	4	A SOC HIST OF AMER PUB HE
8592	001	HIST	4	SOC HIST OF AMERICAN MEDI
8663	001	HIST	4	HISTORIOGRAPHY OF LAT
8930	001	HIST	4	APPROACHES TO INTL/GLOBAL
9310	001	HIST	4 INS	BIOPOLITICS IN THE 20TH
9368	001	HIST	4 INS	THE BRITISH EMPIRE
9768	001	HIST	4 INS	MKNG AFR HIST:BET FLD/ARC
4998	001	IEOR	3	MANAGING TECH INNOVATION
6810	001	PHGH	3 PERMISSI	INTRO TO GLOBAL HEALTH
4210	001	POLS	3	RESEARCH TOPICS IN GAME T
4472	001	POLS	3	JAPANESE POLITICS
4626	001	POLS	3	TRANSITIONAL JUSTICE/DEM
6210	001	POLS	3	THEORIES & DEBATES-AMER P
6403	001	POLS	3 INS	ISSUES & METHODS-COMP POL
6601	001	POLS	3	ISSUES IN POLITICAL THEOR
6801	001	POLS	3	THEORIES OF INT'L RELATIO
8223	001	POLS	3 INS	LEGISLATV BEHAVIOR & INST
8234	001	POLS	3 INS	URBAN POLITICS
8236	001	POLS	3 INS	THEMES IN AMER POLIT DEV
8281	001	POLS	3 INS	POLITICL PARTICIPATION
8665	001	POLS	3 INS	SOVEREIGNTY & CONSTITUT
8685	001	POLS	3 INS	MICROFOUNDATIONS OF CIVIL
8833	001	POLS	3 INS	LAW OF WAR

8844	001	POLS	3	INS	NATIONALISM
4226	001	POLS	3		AM POL & SOCIAL WELFARE
4291	001	POLS	3		ADV TOPICS IN QUANTITATIV
4360	001	POLS	3		MATH METHODS FOR POLITICA
4471	001	POLS	3		CHINESE POLITICS
4895	001	POLS	3		WAR, PEACE & STRATEGY
4910	001	POLS	3		QUANTITATIVE POLITICL RES
4225	001	PSYC	4	INS	CONSCIOUSNESS & ATTENTION
4227	001	PSYC	3	INS	PHILOS/EMPIRCL ISSU-CONS
4420	001	PSYC	3	INS	ANIMAL COGNITION SEMINAR
4440	001	PSYC	3	INS	TOPICS-NEUROBIOLOGY & BEH
4450	001	PSYC	3	INS	EVOL-INTELLIGENC/CONS
4670	001	PSYC	3	INS	THRY-SOCIAL/PERSONALITY P
4685	001	PSYC	3	INS	SOCIAL COGNITIVE NEUROSCI
6006	001	PSYC	3	INS	INTRO-STAT MODELING IN
6200	001	PSYC	0	INS	PRACTICUM IN TEACHING OF
9010	001	PSYC	3	INS	SERIAL ORG OF BEHAVIOR
9650	001	PSYC	3	INS	THEORIES/RES-SOC SCI OF P
9999	001	PSYC	0	DEP	DEPARTMENTAL COLLOQUIUM
4020	001	SOCI	3		CIVIL SOCIETY
4050	001	SOCI	3		SOCIOLOGICL THEORY:THE OR
4074	001	SOCI	3		INTRO SOCIAL DATA ANALYSI
4075	001	SOCI	3		INTRO SOCIAL DATA ANALYSI
4097	001	SOCI	4		DESIGNS OF SOCIAL RESEARC
4099	001	SOCI	3	INS	FIELD RESEARCH METHODS
4370	001	SOCI	3		PROC OF STRATIFICTN/INEQU
6200	001	SOCI	3	INS	INTERNATIONAL MIGRATION
6320	001	SOCI	3		DECIP THE GLOBAL:MTHD &
8200	001	SOCI	3		ECONOMIC SOCIOLOGY
6101	001	STAT	4		STAT MODELLING/DATA ANALY
6105	001	STAT	4.5		PROBABILITY THEORY I
6107	001	STAT	4.5		STATISTICAL INFERENCE THE
6501	001	STAT	3		STOCHASTC PROCSSSES-APPLIC
6503	001	STAT	3		STAT INF/TIME-SERIES MODE
7010	001	STAT	0		TOPICS IN RISK
7260	001	STAT	0		TOPICS IN STOCHASTIC
7330	001	STAT	0		BIOSTATISTICS WORKING
8315	001	STAT	3		ANALYSE CORREL DATA W/APP
4105	001	STAT	3		PROBABILITY
4107	001	STAT	3		STATISTICAL INFERENCE
4109	001	STAT	6		PROBABILITY & STAT INFERE
4109	002	STAT	6		PROBABILITY & STAT INFERE
4201	001	STAT	3		ADVANCED DATA ANALYSIS
4315	001	STAT	3		LINEAR REGRESSION MODELS
4315	002	STAT	3		LINEAR REGRESSION MODELS
4335	001	STAT	3		SAMPLE SURVEYS
4437	001	STAT	3		TIME SERIES ANALYSIS
4606	001	STAT	3		ELEMENTRY STOCHASTIC PROC
4840	001	STAT	3		THEORY OF INTEREST

## **KEY**

### **Subject and Department:**

ANEB = Anthropology-Environmental Biology; ANTH = Anthropology; BIST = Biostatistics;

ECON = Economics; EPID = Epidemiology; GNPH = Public Health; HIST = History;

HPMN = Health Policy and Management; HSSO = History-Sociology;

HUD & HUDK = Human Development (Teachers College);

IEOR = Industrial Engineering and Operations Research; INAF = International Affairs;

INTA = International and Public Affairs; LAW = Law; PLAN = Planning; POLS = Political Science

POPF = Population and Family Health; PSYC = Psychology; PUA = Public Affairs;

PUBH = Public Health;

SIEO = Stats-IEOR; SOCI = Sociology; SOCW = Social Work; SOSC = Sociomedical Sciences; STAT = Statistics

**Division:** A = Architecture, Planning and Preservation; E = Engineering and Applied Science;

G = Graduate School of Arts and Sciences; P = Public Health; U = International and Public Affairs;

W = Other interfaculty course

**Approval:** DEP = department; INS = instructor

**Type:** CL = colloquia; IN = independent; LB = laboratory; LC = lecture; SM = seminar;

TU = tutorial;

WS = workshop

**Credit:** PR = prerequisite statistics course (does not count as QMSS elective);

RM = fulfills QMSS research methods/statistics requirement

**Day:** M = Monday; T = Tuesday; W = Wednesday; R = Thursday; F = Friday

**Building:** ENG = Engineering Terrace; FAY = Fayerweather; HAM = Hamilton Hall;

HAV = Havemeyer Hall;

IAB = International Affairs Building; JG = Jerome Greene; KNT = Kent Hall; MAT =

Mathematics Building;

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**instructor**

Crossland, Zoe  
Marakowitz, Ellen  
Holloway, Ralph  
Marakowitz, Ellen  
Panourgia, Neni  
Boyd, Brian  
Chatterjee, Partha  
Mokoena, Hlonipha  
De Genova, Nicholas  
Daniel, E. Valentine  
Rothschild, Nan  
Ivy, Marilyn  
Sharp, Lesley  
Fowles, Severin  
Kockelman, Paul  
Fowles, Severin  
Boyd, Brian  
Sala-I-Martin, Xavier  
Desai, Padma  
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Chiappori, Pierre-Andre  
Preston, Bruce  
Dutta, Prajit  
Riordan, Michael  
Ho, Kate  
Salanie, Bernard  
Onatski, Alexei  
Currie, Janet  
Kopczuk, Wojciech  
Davis, Donald  
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Salanie, Bernard  
MacLeod, W. Bentley  
Woodford, Michael  
Che, Yeon-Koo  
Albanesi, Stefania  
Davis, Donald  
Verhoogen, Eric

Onatski, Alexei  
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von Wachter, Till  
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Adler, Michael  
Findlay, Ronald  
Weinstein, David  
Dutta, Prajit  
O'Flaherty, Brendan

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Freyer, Greg  
Graziano, Joseph  
Despommier, Dickson  
Despommier, Dickson  
Freyer, Greg  
Whysner, John  
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Persaud, Rudranath  
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Ennever, Fanny

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Despommier, Dickson  
Kaye, Joel  
Mazower, Mark  
Fields, Barbara  
Leach, William  
Rosner, David  
Rothman, David  
Pizzigoni, Caterina  
Mckeown, Adam  
Connelly, Matthew  
Brown, Christopher  
Mann, Gregory  
McGourty, Jack

,  
Epstein, David  
Curtis, Gerald  
Cohen, Jean  
Erikson, Robert  
Murillo, M. Victoria  
Johnston, David  
Jervis, Robert  
O'Halloran, Sharyn  
Phillips, Justin  
Katznelson, Ira  
Harris, Fredrick  
Cohen, Jean  
Elster, Jon  
Fazal, Tanisha

Snyder, Jack  
Lieberman, Robert  
Wawro, Gregory  
Huber, John

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Betts, Richard  
Shapiro, Robert  
Lau, Hakwan  
Lau, Hakwan  
Terrace, Herbert  
Silver, Rae  
Terrace, Herbert  
Higgins, Tory  
Ochsner, Kevin  
Krantz, David  
Putnam, Lois  
Terrace, Herbert  
Higgins, Tory  
Bolger, Niall  
Fisher, Dana  
Eyal, Gil  
Lu, Yao  
Lu, Yao  
Tilly, Charles  
Gans, Herbert  
Spilerman, Seymour  
Cohen, Yinon  
Sassen, Saskia  
Stark, David  
Gelman, Andrew  
Phong, Duong  
Ying, Zhiliang  
Dolgoarshinnykh, Regina  
Davis, Richard  
de la Pena, Victor

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Lo, Shaw-Hwa  
Loh, Ji Meng  
de la Pena, Victor  
Paninski, Liam

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Dolgoarshinnykh, Regina

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Brown, Mark  
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