

**IEOR DEPARTMENT COURSE OFFERINGS
SUMMER 2017**

SUBJ	#	SECT	PTS	CALL #	TITLE	ACTIVITY	DAYS	TIME	ROOM	FACULTY
IEOR	3900	001-023	1-3		UNDERGRADUATE RESEARCH PROJECT	REFER TO DIRECTORY OF CLASSES				FACULTY
IEOR	3999	001	1-2	67447	FIELDWORK (UNDERGRADS ONLY)	IND		APPROVAL REQUIRED		SIGMAN, KARL
DROM	8106	060	1.5	22447	OPERATIONS STRATEGY (7/3-8/11)	LEC	MW	6:00 - 8:00PM	326 URIS	SINGH, MEDINI
IEOR	4722	001	1.5	17047	TOPICS IN FE: MODELING AND MARKET MAKING IN FOREIGN EXCHANGE (5/24-7/5)	LEC	W	6:10 - 8:40PM	834 MUDD	HIGGINS, MARK
IEOR	4999	001	1-2	26399	FIELDWORK	IND		APPROVAL REQUIRED		DERMAN, EMANUEL
IEOR	4900	001-023	1-3		MASTER'S RESEARCH OR PROJECT	REFER TO DIRECTORY OF CLASSES				FACULTY
IEOR	9101	001-023	1-6		RESEARCH	REFER TO DIRECTORY OF CLASSES				FACULTY

SUMMER 2017 ELECTIVES

These courses are approved courses for MSFE, MS&E, MSIE and MSOR students. If you find an alternate course, you must obtain explicit approval from an advisor to count the course towards your program by email (info@ieor.columbia.edu). Include the course title, description and syllabus.

The following courses are not permissible, and will not count towards your degree requirement:

- *Courses with a (*) are not approved for the MSFE degree (DROM, ECON)*
- *3000-level and lower courses are undergraduate courses*
- *Courses not listed below require explicit permission*

Industrial Engineering and Operations Research

IEOR E4722 Modeling and Market-Making in Foreign Exchange (1.5 credits), Class 5/24-7/5

IEOR E4900 Independent Research (faculty supervision and approval)

IEOR E4999 Fieldwork

Decision, Risk and Operations Management

*DROM B8106-060 Operations Strategy (1.5 credits) Class Meets 7/3-8/11

Computer Science (register via SSOL; review schedule <http://ce.columbia.edu/summer/courses>)

COMS S4111 Introduction to Databases

COMS S4156 Advanced Software Engineering

COMS S4231 Analysis of Algorithms

COMS S4233 Computational Aspects of Robotics

COMS S4236 Intro-Computational Complexity

COMS S4701 Artificial Intelligence

COMS S4771 Machine Learning

CSEE S4119 Computer Networks

CSEE S4824 Computer Architecture

Economics (register via SSOL; review schedule <http://ce.columbia.edu/summer/courses>)

*ECON S4415 Game Theory (may not be taken if already completed IEOR E4407)

*ECON S4465 Public Economics

*ECON S4625 Economics of the Environment

Mathematics (register via SSOL; review schedule <http://ce.columbia.edu/summer/courses>)

MATH S4061 Introduction to Modern Analysis I

MATH S4062 Introduction to Modern Analysis II

Statistics (register via SSOL; review schedule <http://ce.columbia.edu/summer/courses>)

STAT S4199D Statistical Computing in SAS

STAT S4240D Data Mining