SUMMER 2015 ELECTIVES

These courses are suggested and approved summer courses for MSFE, MS&E, MSIE and MSOR students. If you find a course that is not listed, you must obtain approval to count the course towards your program by emailing info@ieor.columbia.edu with the course title and description.

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

- 3000-level and lower courses
- Courses with a BUSI prefix
- Not approved subject areas, for example – American Studies, Anthropology, Classics, just to name a few.

Industrial Engineering and Operations Research

IEOR E4712 Behavior Finance (1.5 credits) Class Meets 5/26-7/7
IEOR E4731 Credit Risk Modeling and Credit Derivatives (3 credits)
  Class Meets 5/27, 5/31, 6/7, 6/10, 6/14, 6/17, 6/21, 6/24, 7/8, 7/26, 7/29, 8/2, 8/5, 8/9
IEOR E4734 Foreign Exchange and Related Derivatives (1.5 credits) Class Meets 5/28-7/9
IEOR E4999 Fieldwork

Decision, Risk and Operations Management

DROM B8106-060 Operations Strategy (1.5 credits) Class Meets 7/6-8/14
DROM B8111-060 Analytics for Business Research (1.5 credits) Class Meets 5/26-7/2
DROM B8858-060 Data-Driven Entrepreneurship (3 credits) Class Meets 6/1-8/3

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

COMS S4111D Introduction to Databases
COMS S4115D Programming Languages and Translators
COMS S4231D Analysis of Algorithms
COMS S4701D Artificial Intelligence
COMS S4771D Machine Learning

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

ECON S4415Q Game Theory (may not be taken if already completed IEOR E4407)
ECON S4500D International Trade

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

MATH S4061D Introduction to Modern Analysis I
MATH S4061X Introduction to Modern Analysis I
MATH S4062Q 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
STAT S4240Q Data Mining
STAT S4242Q Introduction to Data Science

Business (Bidding only; stay tuned for instructions in early May)

A tentative list of courses available for application for the Summer Term will be made available on the cross-registration website in early May. Please note courses for cross-registration is subject to change.