

# WELCOME IEOR MAJORS!

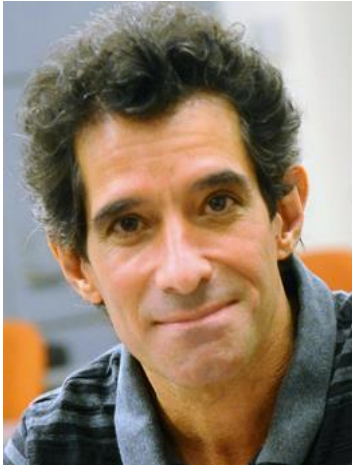
## EARLY REGISTRATION ADVISING SPRING 2017



# AGENDA

- Introductions and Welcome!
- Sophomore, Junior and Senior Checklists
- Financial Engineering application
- Special Spring Course Offerings
- Advising Appointments
- Preparing for Next Term
- Q & A

# WELCOME



**KARL SIGMAN @ ks20**

**Professor**

**Director of Undergraduate Programs**



**JENNY MAK @ jsm46**

**Executive Director**

# ACADEMIC AFFAIRS TEAM

info@ieor.columbia.edu



## **KRISTEN MAYNOR @ km3244**

**Academic & Student Affairs Assistant**

Assists/advises BS and MS students

Coordinates seminars

Coordinates Graduate Admissions



## **LIZBETH MORALES @ lm3135**

**Academic & Student Affairs Assistant**

Assists/advises PhD students, including funding

Coordinates TA/CA assignments

Coordinates Graduate Admissions



## **CARMEN NG @ cn2229**

**Academic & Student Affairs Officer**

Assists/advises BS and MS students

Schedules classes and manages classrooms

Manages Graduate Admissions

# FACULTY ADVISORS



**TON DIEKER @ ad3217**  
Professor



**VINEET GOYAL @ vg2277**  
Professor



**JAY SETHURAMAN @ js1353**  
Professor and Vice Chairman

# FACULTY ADVISORS



**KARL SIGMAN @ ks20**  
**Professor and Director of Ugrad**



**CLIFF STEIN @ cs2035**  
**Professor**



**VAN ANH TRUONG @ vt2196**  
**Professor**

# SOPHOMORE CHECKLIST

- **BSIE, BSOR, BSEMS**

- Calculus I, II, III, and Linear Algebra
- IEOR E3658 Probability & IEOR E4307 Stats Models (or SIEO W3600 Probability and Statistics)**
- IEOR E2261 Accounting and Finance
- Programming, Data Structures
- Physics and Chemistry
- Principles of Economics
- Global Core, Lit/Art Hum
- English Composition
- Art of Engineering
- Gym (2)



# BSFE: SOPHOMORE CHECKLIST

- BSFE, by application:
  - Calculus I, II, III, Linear Algebra, and ODE
  - IEOR E3658 Probability & IEOR E4307 Stats Models
  - IEOR E2261 Accounting and Finance
  - Programming & Data Structures
  - Physics and Chemistry
  - Principles of Economics
  - Global Core, Lit/Art Hum
  - English Composition
  - Art of Engineering
  - Gym (2)





# **JUNIORS:** SPRING SEMESTER REQUIREMENTS

- **BSIE: IEOR E3402, IEOR E3404**
- **BSOR: IEOR E3402, IEOR E3404, IEOR E4600**
- **BSEMS: IEOR E3402, IEOR E3404, COMS W4111, ECON W3213**
- **BSFE: IEOR E3402, IEOR E3404, IEOR E4700, COMS W4111, ECON W3211**

# SENIORS: SPRING SEMESTER REQUIREMENTS

- BSIE: IEOR E4405, IEOR E4412, IEOR E4510
- BSOR: IEOR E4405, plus one choice (IEOR E4505, IEOR E4700)
- BSEMS: **IEOR E4001\***, IEOR E4510, plus one entrepreneurship course (IEOR E4998 or **IEOR E4550\***)
- BSFE: IEOR E4630, ECON W3412, **IEOR E4500\***

**(\*) not offered next term - refer to Course Exceptions**

# COURSE EXCEPTIONS

- **BSIE, IEOR E4205: Not offered.**
  - *Take IEOR E4505 Operations Research in Public Policy*
- **BSEMS, IEOR E4001: Not offered.**
  - *Take IEOR E4510 Project Management or IEOR E4650-001 Business Analytics*
- **BSEMS, IEOR E4550: Not offered.**
  - *Take IEOR E4998 Managing Technological Innovation or IEOR E4560 Lean Launch Pad*
- **BSFE, IEOR E4500: Offered in Fall 2016.**
  - *Take IEOR E4572-002 Data Analytics and Python*

# BSFE: APPLICATION

- <http://astro.ieor.columbia.edu/view.php?id=61005>
- What should I submit?
  - Your basic information
  - LinkedIn profile
  - Resume
  - Brief statement to elaborate on your interest
- We review applications twice per year: in January and in June



# SPECIAL COURSE OFFERINGS

- ECON W4280 Corporate Finance (\*)
- MEIE E4810 Humans in Space Flight
- IEOR E4009 Non-Linear Optimization (\*\*)
- IEOR E4540 Data Mining for Engineers (\*\*)
- IEOR E4560 Lean Launch Pad (\*)
- IEOR E4570 Hacking for Energy (\*)
- IEOR E4577 OR Methods in Marketing (1.5)
- IEOR E4650-001 Business Analytics (\*\*)
- IEOR E4572-002 Data Analytics and Python

\* Denotes application only.

\*\* Recommend taking during senior year.



# ADVISING APPOINTMENTS

- Who is my advisor? SSOL “Academic Profile”

Student Status	
This is the status pertaining to the class registration process, and will be applied to the term for which you are registering. The current term status may be or may not be the same. All registration class rules will be enforced based on the below status, school and program.	
Standing	UNDERGRADUATE 4TH YEAR
School	FU FOUNDATN SCHL OF ENGINEERING & APPLIED SCIENCE:UGRAD
Program	OPERATIONS RESEARCH
Advisor	<a href="#">Clarence Gifford</a>
Advisor	<a href="#">Donald Goldfarb</a>
Expected Date of Graduation	May 17 2017

- Faculty office hours are being announced to you via email.
- Academic affairs team office hours:
  - Mondays 10:30-11:30am, 3-4pm
  - Tuesdays 10:30-11:30am, 3-4pm
  - Wednesdays 10:30-11:30am, 3-4:30pm
  - Thursdays 10-12pm
  - Fridays 10:30-11:30am, 1-2pm

# NEXT STEPS

- Review your courses: <http://ieor.columbia.edu/ieor-courses-topics>
- Fill out your Program Plan



Download here,  
**Program Plans**

- Have your faculty advisor or Academic Affairs Team review your Program Plan (IEOR Department keeps a copy of your Program Plan)
- You can email us ([info@ieor.columbia.edu](mailto:info@ieor.columbia.edu)) or come see us during our office hours.
- Register for classes!



# THE IEOR OFFICE

**SUITE 315 MUDD**

[info@ieor.columbia.edu](mailto:info@ieor.columbia.edu)

[www.ieor.columbia.edu](http://www.ieor.columbia.edu)