

## ECE graduate course schedule - Fall 2021

| Brooklyn | M  | T   | W  | Th   | F   | S  |
|----------|--|---|--|--|---|--|
| 11-1:30  | ECE 7123 (Online)<br>Deep Learning (prereq: ECE 6143)<br>Chinmay Hegde | ECE 6143 INET (Online)<br>Machine Learning<br>Anna Choromanska      | ECE 6913 A1<br>Computing Systems Arch<br>Brandon Reagen                    | ECE5533<br>Physics of Nanoelectronics<br>Vladimir Tsifrinovich                       | ECE 6813<br>Medical Imaging I<br>Jonathan Mamou       | CS 6083 B<br>Database<br>Amit Patel                              |
|          | ECE 6013<br>Digital Communications<br>Thomas Marzetta (11am-12:20pm)   | ←   | ECE 6013<br>Digital Communications<br>Thomas Marzetta (11am-12:20pm)       | ECE 6913 B<br>Computing Systems Architecture<br>Azeez Bhavnagarwala                  |   | ECE 6113<br>Digital Signal Processing I<br>Xiaokang Chen         |
|          | ROB 6003 B<br>FOUNDATIONS OF ROBOTICS<br>Ludovic Righetti              |   | ECE 6693<br>Electronic Power Supplies<br>Dariusz Czarkowski                |  |   |  |
| 2-4:30   | ECE 6303 B<br>Probability & Stochastic Processes<br>I-Tai Lu           | ECE 6353 A<br>Internet Architecture & Protocols<br>Shivendra Panwar | ECE 6303 A<br>Probability & Stochastic Processes<br>Unnikrishna Pillai     | ECE 9383<br>Network Security<br>Danny Yuxing Huang                                   | ECE 6463<br>Advanced Hardware Design<br>Ramesh Karri  | ECE 6353 B<br>Internet Architecture & Protocols<br>Zhengxue Zhao |
|          | ECE 9343 A<br>Data Structure and Algor<br>Yong Liu                     | ROB 6333<br>SWARM ROBOTICS<br>Ludovic Righetti                      | ECE 6483<br>Real Time Embedded Sys<br>Matthew Campisi                      | ECE 6143 A<br>Machine Learning<br>Yury Dvorkin                                       | ECE 6233<br>System Optimization Method<br>Quanyan Zhu |  |
| 5-7:30   | ECE 5253<br>Applied Matrix Theory<br>Zhongping Jiang                   | ECE 6183<br>DSP Lab<br>Ivan Selesnick                               | ECE 6253<br>Linear Systems<br>Farshad Khorrami                             | ECE 9163 (prereq: ECE 6143)<br>Machine Learning for Cyber-Security<br>Siddharth Garg |   |  |
|          | ECE 6713 (6-8:30)<br>Electromagnetic Theory and App<br>I-Tai Lu        | ECE 9343 B<br>Data Structure and Algor<br>Pei Liu                   | CS 6233 I2<br>Operating System (Prereq: ECE 9343)<br>Omar Mansour (6-8:30) | ECE 6473 (6-8:30)<br>Introduction to VLSI System Design<br>Davood Shahrjerdi         |   |  |
|          | ROB 6003 A<br>FOUNDATIONS OF ROBOTICS<br>Joo Hyun Kim                  | CS 9053 I2 (6-8:30)<br>Intro to Java<br>Contantine Christakos       |  | CS 9053 I (6-8:30)<br>Intro to Java<br>Contantine Christakos                         |   |  |

For CS 6083 B, CS 6233 I2 and CS 9053 I, you do not need CS Dept permissions. They count as non-ECE.

ROB 6003, ROB 6213, ROB 6323, ROB 6333, ROB 6423 count as ECE courses. Get permission number from xkchen@nyu.edu

For CS, Stern, Center of Data Science or Finance Risk Engineering courses, ask xkchen@nyu.edu

| INET | (Online with no specific meeting time) |                                    |                     |
|------|--|------------------------------------|---------------------|
| ECE  | 5213 INET                              | Intro to System Eng                | Quanyan Zhu         |
| ECE  | 5253 INET                              | Applied Matrix Theory              | Zhongping Jiang     |
| ECE  | 6113 INET                              | Digital Signal Processing I        | Xiaokang Chen       |
| ECE  | 6183 INET                              | DSP Lab                            | Ivan Selesnick      |
| ECE  | 6303 INET                              | Probability & Stochastic Processes | Unnikrishna Pillai  |
| ECE  | 6363 INET                              | Data Center & Cloud Computing      | Johnathan Chao      |
| ECE  | 6483 INET                              | Real Time Embedded Sys             | Matthew Campisi     |
| ECE  | 6673 INET                              | Resonant Power Converters          | Dariusz Czarkowski  |
| ECE  | 6913 INET                              | Computing Systems Architecture     | Azeez Bhavnagarwala |
| ECE  | 9343 INET                              | Data Structure and Algor           | Yong Liu            |

|     | SHANGHAI |                                   |                               |
|-----|----------|-----------------------------------|-------------------------------|
| ECE | 6143     | Machine Learning                  | Li Guo<br>Fr 10-12:30         |
| ECE | 6353     | INTERNET ARCHITECTURE & PROTOCOLS | Jonathan Chao<br>Tu 3:15-5:45 |
| ECE | 6363     | Data Center & Cloud Computing     | Jonathan Chao<br>Th 3:15-5:45 |
| ECE | 6483     | Real Time Embedded Sys            | We 6-8:30                     |
| ECE | 6913     | Computing Systems Architecture    | Tongquan Wei<br>Mo 3-5:30     |