## **Economics, Math, Statistics**

| Name  | Date           | School                   | Grade                   | Textbook  | Instructor        |
|---|----------------|--------------------------|-------------------------|---|-------------------|
| Time Series (PPOL6812)                                | Spring<br>2024 | Georgetown<br>University | -                       | -   | Purna<br>Gamage   |
| Public Policy Management. & Implementation (PPOL5009) | Spring<br>2024 | Georgetown<br>University | -                       | -   | Dan Honig         |
| Accelerated Stat for PubPol II (PPOL561)              | Spring<br>2023 | Georgetown<br>University | A                       | Joshua D. Angrist and Jorn-Steffen Pischke.  Mostly Harmless  Econometrics: An  Empiricist's Companion.  Princeton University Press, 2009;  Gareth M. James. An  Introduction to Statistical  Learning. Springer. 2nd | Day<br>Manoli     |
| Accelerated Stat for PubPol I (PPOL560)               | Fall 2022      | Georgetown<br>University | A                       | Edition;  Bailey, Michael. 2021.  RealStats. 2nd edition;  Kaplan, Daniel T. 2017.  Statistical Modeling:  AFreshAproach;  Wickham, H. Rfor Data  Science;  | Gregory<br>Lyon   |
| Comparative Policy Process (PPOL5007)                 | Fall<br>2022   | Georgetown<br>University | A-                      | -   | Kent<br>Weaver    |
| Intermediate Microeconomics (PPOL506)                 | Fall 2022      | Georgetown<br>University | A                       | Microeconomics, 5 th edition, by David Besanko; Public Finance and Public Policy, 7 th edition, by Jonathan Gruber;   | Thomas<br>Deleire |
| Introduction to Economic Growth                       | Spring<br>2021 | Peking<br>University     | A-                      | Economic Growth, David N<br>Weil.   | Guoen Liu         |
| Labor Economics                                       | Spring<br>2021 | Peking<br>University     | A                       | Labor Economics, George<br>Borjas.  | Xiaoyan Lei       |
| Special Topics in<br>China Economic<br>Research       | Spring<br>2020 | Peking<br>University     | P (Because of Pandemic) | Demystifying the Chinese<br>Economy, Yifu Lin.  | Yifu Lin          |

| Money and Banking                         | Spring<br>2020 | Peking<br>University                    | P<br>(Because<br>of<br>Pandemic) | The Economics of Money, Banking & Financial Markets, Frederic S.Mishkin.      | Yiping<br>Huang  |
|---|----------------|---|----------------------------------|---|------------------|
| Macroeconomy and Health                   | Fall<br>2019   | Peking<br>University                    | A                                | Macroeconomy and Health,<br>Jeffrey Sachs.                                    | Guoen Liu        |
| Specail Topics in<br>China's Reform       | Spring<br>2019 | Peking<br>University                    | A-                               | Property rights and Reform in China, Qiren Zhou.                              | Qiren Zhou       |
| Discrete<br>Mathematics A                 | Fall<br>2018   | Communication<br>University of<br>China | B+                               | Discrete Mathematics, Wanling<br>Qu   | Jianxiang<br>Cao |
| Advanced<br>Mathematics A (II)            | Spring<br>2018 | Communication<br>University of<br>China | A                                | Advanced Mathematics(Volume II), Department of Mathematics,Tongji University. | -                |
| Probability and mathematical statistics A | Spring<br>2018 | Communication<br>University of<br>China | A                                | Probability and mathematical statistics, Zhou Sheng.                          | -                |
| Advanced<br>Mathematics A (I)             | Fall<br>2017   | Communication<br>University of<br>China | A                                | Advanced Mathematics(Volume I), Department of Mathematics,Tongji University.  | -                |
| Linear Algebra A                          | Fall<br>2017   | Communication<br>University of<br>China | A                                | Linear Algebra, Department of Mathematics,Tongji University.                  | -                |

## **Computer Science, Data Science**

| Name   | Date           | School                   | Grade  | Textbook  | Instructor       |
|--|----------------|--------------------------|--|---|------------------|
| Massive Data Fundamentals (PPOL5206)                     | 2024<br>Spring | Georgetown<br>University | -  | -   | Amit Arora       |
| Social Network Analysis<br>(PPOL6816)                    | 2024<br>Spring | Georgetown<br>University | -  | -   | Antonio Sirianni |
| Data Science III: Advanced Modeling Techniques(PPOL5205) | 2023<br>Fall   | Georgetown<br>University | A Scored 105 (10 0+5 bonus), the highest score possible on the closed- book exam this semester, the only student to do so. | Introduction to Data Mining, by Pang-Ning Tan;  An Introduction to Statistical Learning with Aplications in R, by Gareth James; | NaLette Brodnax  |
| Data Visualization for<br>Data Sc. (PPOL5202)            | 2023<br>Fall   | Georgetown<br>University | The expectation is A   | -   | Madeline Pickens |
| Geographic Data in<br>Program R (PPOL 6805)              | 2023<br>Fall   | Georgetown<br>University | A  | Geocompution with R; Rfor data science: import, tidy, transform, visualize, andmodel data, by Wickham,                          | Brian Evans      |

| Data Science II: Applied<br>Statistical Learning (PPOL<br>565) | Spring<br>2023 | Georgetown<br>University | A | Introduction to Data Mining, by Pang-Ning Tan; An Introduction to Statistical Learning with Applications in R, by  | NaLette Brodnax    |
|--|----------------|--------------------------|---|--|--------------------|
| Data Ethics<br>(PPOL5207)                                      | Spring<br>2023 | Georgetown<br>University | A | Gareth James;  | Kristen<br>Collins |
| Communication for Data Science (PPOL5208)                      | Spring<br>2023 | Georgetown<br>University | A | Eubanks, Virginia. 2019. Automating Inequality: How High-Tech Tools Profile, Police, and Punishthe Poor; Noble, Safiya Umoja. 2018. Algorithms of Opression: How SearchEngines Reinforce Racism; | Kristen Collins    |
| Data Science I: Foundations (PPOL564)                          | Fall<br>2022   | Georgetown<br>University | A | -  | Rebecca<br>Johnson |

| Web System and     | Spring | Communication                  | A  |                             |             |
|--------------------|--------|--------------------------------|----|-----------------------------|-------------|
| Development        | 2020   | University of                  | Α  | -                           | -           |
| Technology         |        | China                          |    |                             |             |
| recumorogy         |        | Ciliia                         |    |                             |             |
| Software Project   | Spring | Communication                  | A  | _                           | Chi Zhang   |
| Management and     | 2020   | University of                  |    |                             | -           |
| CMM&ISO9000        |        | China                          |    |                             |             |
| Python             | Spring | Communication                  | B+ | _                           | Chunfang Li |
| Programming        | 2019   | University of                  |    | _                           | C           |
|                    |        | China                          |    |                             |             |
|                    |        |                                |    |                             |             |
| Assembly           | Fall   | Communication                  | B+ | Assembly                    |             |
| Language           | 2018   | University of                  | _  | Language                    | -           |
| Programming        |        | China                          |    | for x86                     |             |
|                    |        |                                |    | Processors,                 |             |
| NET F              | T 11   |                                |    | Kip R. Irvine               |             |
| .NET Framework     | Fall   | Communication<br>University of | A- | Pro C#5.0and<br>the .NET4.5 | Yujun Wen   |
| Programming        | 2018   |                                |    | Framework,                  |             |
|                    |        | China                          |    | Andrew Troelsen             |             |
| JAVA Language      | Fall   | Communication                  | A  | Java: Howto                 | Weihua Xie  |
| Programming        | 2018   | University of                  |    | Program, Early              |             |
|                    |        | China                          |    | Objects, Paul J.            |             |
|                    |        |                                |    | Deitel and                  |             |
|                    |        |                                |    | Harvey                      |             |
|                    |        |                                |    | Deitel                      |             |
| Linux System and   | Fall   | Communication                  | A  | Linux                       | Minyong Shi |
| Network Management | 2018   | University of                  |    | system                      |             |
|                    |        | China                          |    | aplication                  |             |
|                    |        |                                |    | and                         |             |
|                    |        |                                |    | development                 |             |
|                    |        |                                |    | tutorial,                   |             |
|                    |        |                                |    | Haiyan Liu.                 |             |
| User Interface     | Summer | Communication                  | A  | _                           | -           |
| Programming        | 2018   | University of                  |    |                             |             |
| Practice           |        | China                          |    |                             |             |
| Digital Animation  | Spring | Communication                  | A- | 3D Max                      | Weihua Xie  |
| Production         | 2018   | University of                  |    | from beginner               |             |
| Technology         |        | China                          |    | to master,                  |             |
|                    |        |                                |    | Xiaowu Geng.                |             |
| Web crawler        | Spring | Communication                  | A  | _                           | -           |
| programming        | 2018   | University of                  |    |                             |             |
| practice           |        | China                          |    |                             |             |
| Web Design and Web | Fall   | Communication                  | A- | _                           | <u>-</u>    |
| Construction       | 2017   | University of                  |    |                             |             |
| -                  |        | 1                              |    |                             |             |