Courses Taught

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Since my arrival at RIT, I have taught a wide variety of graduate and undergraduate statistics courses, both during the quarter system and the semester system. I have enjoyed taking the lead in the re-structuring of our core fundamentals of statistical theory (STAT 731) course, along with the infusion of state of the art aspects into our core regression analysis (STAT 741) course as well, along with new elements in time series analysis and forecasting (STAT 773). I have been the main and essential sole designer and instructor of our reference course in data mining, namely principles of statistical mining (STAT 747) which was re-structured in the semester system from (CQAS 846)

- ☐ Principles of Statistical Data Mining (STAT 846)
- ☐ Regression Analysis I (STAT 841)
- ☐ Regression Analysis II (STAT 842)
- ☐ Time Series Analysis and Forecasting (STAT 773)
- ☐ Principles of Statistical Data Mining (STAT 747)
- ☐ Applied Multivariate Statistical Analysis (STAT 756)
- ☐ Fundamentals of Statistical Theory (STAT 731)
- ☐ Statistical Theory I (STAT 721)
- ☐ Statistical Theory II (STAT 722)
- ☐ Regression Analysis (STAT 741)
- ☐ Nonparametric Statistics and Bootstrapping (STAT 753)
- ☐ Principles of Applied Statistics (STAT 714)
- ☐ Capstone Course for MS in Applied Statistics (STAT 792)
- ☐ Statistics for Data Mining (STAT 702)
- ☐ Computational Statistics (Special Topics: STAT 738)
- ☐ Probability and Statistics for Engineers and Scientists I (STAT 361)
- ☐ Probability and Statistics for Engineers and Scientists II (STAT 362)
- ☐ Probability and Statistics for Engineers and Scientists I (STAT 251)
- ☐ Probability and Statistics for Engineers and Scientists II (STAT 252)
- ☐ Statistics for Engineers (STAT 315)

I have also taught courses at Fudan University in Shanghai (China), Université de Bretagne-Sud in Vannes (France) and the African Institute for Mathematical Sciences (AIMS) in Kigali (Rwanda), the Rochester Institute of Technology campus in Dubai (united Arab Emirates). I even structured a tailor-made course for the graduate statistics and computer science programs at the University of Brasilia in Brazil, but was not able to travel to Brazil to deliver it for various reasons. I have been continually and consistently sought after for mini courses which I have gladly taught at various conferences and campuses nationally and internationally.

- ☐ A Brief Tour of Statistical Machine Learning: Foundational Concepts, Methods, Theory, Computation and Applications, *Five Parts Invited Mini course delivered to Graduate students, postdoctoral fellows and research scientists*, School of Mathematical Sciences, Fudan University, Shanghai, People's Republic of China, Summer 2018.
- ☐ Fundamentals of Statistical Machine Learning Methods for Big Data Analytics., *Visiting Professor Lecture Series*, African Institute for Mathematical Sciences (AIMS), Kigali, Rwanda, January 2018.
- ☐ Principles of Statistical Machine Learning, *Visiting Professor Lecture Series*, Laboratoire de Mathématiques de Bretagne Atlantique (LMBA), Université de Bretagne-Sud, Vannes, France, Summer 2015.

To help the reader gain deeper insights into various aspects of the way I have continually taught my courses, I will attach among other things:

- Selected course descriptions
- Selected syllabi
- Selected Sample Quizzes
- Selected Sample Exams/Tests
- Selected Lecture Notes