

ADMISSION REQUIREMENTS	Course(s) Fulfilled		Course(s) Fulfilled
1. PREREQUISITE KNOWLEDGE (pick one) Mathematics: 408C Calculus I 408L Integral Calculus 408N Differential Calculus 408R Calculus for Biologists 408S Integral Calculus		5. ELECTIVES (pick three) Students are encouraged to select courses within their own majors or colleges as appropriate. The Statistics and Data Sciences courses are available to students in all majors. Advertising 344K Advertising Research Communication Studies 348 Communication Research Methods Computer Science 343 Artificial Intelligence Economics 350K.4 Advanced Econometrics 354K Intro to Game Theory Electrical Engineering 361M Intro to Data Mining Geological Sciences 325K Computational Methods 365N Seismic Data Processing Health Education 343 Foundations of Epidemiology 373 Evaluation & Research Design Kinesiology 376 Measurement in Kinesiology Mathematics 339J Probability Models with Actuarial Applications 349P Actuarial Statistical Estimate 362M Introduction to Stochastic Processes 378K Introduction to Mathematical Statistics 378N Generalized Linear Models Management Information Systems 373.17 Data Mining for Business Petroleum and Geosystems Engineering 378 Applied Reservoir Characterization Psychology 325K Advanced Statistics Public Health 354 Epidemiology Statistics 372.5: Financial and Econometric Time Series Modeling Statistics and Data Sciences 323 Statistical Learning and Inference 348 Computational Biology & Bioinformatics 353 Advanced Multivariate Methods 358 Special Topics in Statistics 374E Visualization & Data Analysis 375 Special Topics in Scientific Computation 378 Intro to Mathematical Statistics 379R Undergraduate Research	
2. MATHEMATICAL FOUNDATION OF STATISTICS (pick one) Electrical Engineering 351K Probability and Random Processes Mathematics 362K Probability I Statistics and Data Sciences 321 Intro to Probability & Statistics			
3. APPLIED STATISTICS COURSE 1 (pick one) Economics 329 Economic Statistics Educational Psychology 371 Intro to Statistics Mathematics 358K Applied Statistics Psychology 418 Statistics & Research Design Sociology 317L Intro to Social Statistics Statistics 309 Elementary Business Statistics Statistics and Data Sciences 302 Data Analysis for the Health Sciences 304 Statistics in Health Care 306 Statistics in Market Analysis 328M Biostatistics			
4. APPLIED STATISTICS COURSE 2 (pick one) Economics 341K Intro to Econometrics Mathematics 349R Applied Regression Statistics (majors only) 371G/H Statistics & Modeling/Honors 375/H Statistics and Modeling for Finance/Honors Statistics and Data Sciences 325H Honors Statistics 332 Statistical Models for the Health & Behavioral Sciences 352 Statistical Modeling 358.1 Applied Regression			

POLICIES & PROCEDURES

- Return applications to GDC 7.408, Campus Mail Code: D9800
- Total of 18 hours required (not counting the prerequisite)
- Students must receive a grade of at least C in each course applied toward the certificate and have a cumulative grade point average of at least 3.0 in the courses presented to fulfill the certificate.
- Please visit the certificate website for more detailed information on course options & polices: stat.utexas.edu/undergraduate/certificate-in-applied-statistical-modeling