

<b>ADMISSION REQUIREMENTS</b>	Course(s) Fulfilled	<b>Economics:</b> 341K Intro to Econometrics	Course(s) Fulfilled
<b>PREREQUISITE KNOWLEDGE</b> (pick one)		<b>Statistics (IROM):</b> 371G/H Statistics & Modeling/ Honors, 375/H Statistics & Modeling for Finance	
<b>Mathematics:</b> 408D Differential & Integral Calculus, 408M Multivariable Calculus		<b>VI. ELECTIVES</b> (pick two, one must be upper division)	
<b>II. MATHEMATICAL FOUNDATIONS        OF STATISTICS COURSE 1</b> (pick one)		<b>Advertising:</b> 344K Advertising Research	
<b>Mathematics:</b> 362K Probability I  <b>Statistics &amp; Data Sciences:</b> 321 Intro to Probability & Statistics  <b>Electrical Engineering:</b> 303 Probability & Random Processes		<b>Communication Studies:</b> 348 Communication Research Methods  <b>Computer Science:</b> 343 Artificial Intelligence  <b>Economics:</b> 350K.4 Advanced Econometrics 354K Intro to Game Theory  <b>Electrical Engineering:</b> 361M Intro to Data Mining	
<b>III. MATHEMATICAL FOUNDATIONS        OF STATISTICS COURSE 2</b> (pick one)		<b>Geological Sciences:</b> 325K Computational Methods, 365N Seismic Data Processing	
<b>Statistics &amp; Data Sciences:</b> 358 Statistical Learning & Inference		<b>Health Education:</b> 343 Foundations of Epidemiology	
<b>Mathematics:</b> 378K Intro to Mathematical Statistics		373 Evaluation & Research Design  <b>Kinesiology:</b> 376 Measurement in Kinesiology	
<b>IV. APPLIED STATISTICS,        DATA MINING, OR MACHINE LEARNING        COURSE 1</b> (pick one)		<b>Mathematics:</b> 339J Probability Models with Actuarial Applications, 349P Actuarial Statistical Estimate, 349R Applied Regression & Time Series, 362M Introduction to Stochastic Processes, 375T Generalized Linear Models	
<b>Statistics &amp; Data Sciences:</b> 302 Data Analysis for the Health Sciences, 304 Statistics in Health Care, 306 Statistics in Market Analysis, 328M Biostatistics		<b>Management Information Systems:</b> 373.17 Pred Analytic & Data Mining	
<b>Mathematics:</b> 358K Applied Statistics		<b>Public Health:</b> 354 Epidemiology	
<b>Economics:</b> 329 Economic Statistics		<b>Petroleum &amp; Geosystems Engineering:</b> 378 Applied Reservoir Characterization	
<b>Educational Psychology:</b> 371 Intro to Statistics		<b>Psychology:</b> 325K Advanced Statistics	
<b>Psychology:</b> 418 Statistics & Research Design		<b>Radio, Television, &amp; Film:</b> 330K Intro to Research Methods	
<b>Sociology:</b> 317L Intro to Social Statistics		<b>Sociology:</b> 369L Analytical Demography	
<b>Statistics:</b> 309 Elementary Business Statistics		<b>Statistics &amp; Data Sciences:</b> 353 Advanced Multivariate Modeling, 358 Applied Regression Analysis, 374E Visualization & Data Analysis, 375 Special Topics in Scientific Computation, 379R Undergraduate Research	
<b>V. APPLIED STATISTICS,        DATA MINING, OR MACHINE LEARNING        COURSE 2</b> (pick one)		<b>Statistics:</b> 372.4 Multivariate Statistical Analysis, 372.5 Financial & Econometric Time Series Modeling, 376 Intermediate Statistics	
<b>Statistics &amp; Data Sciences:</b> 325H Honors Statistics, 332 Statistical Models for the Health & Behavioral Sciences, 352 Statistical Modeling			

**POLICIES & PROCEDURES**

- Return applications to GDC, Campus Mail Code: D9800
- Total of 18 hours required
- All coursework must be completed with a grade of B- or higher
- Please visit the certificate website for more detailed information on course options & policies
- [stat.utexas.edu/undergraduate/certificate-in-applied-statistical-modeling](http://stat.utexas.edu/undergraduate/certificate-in-applied-statistical-modeling)