Dept	Number	Course Title	Sp 2016	Su 2016	Fa 2016	Spr 2017	Su 2017	Fa 2017	Spr 2018	Faculty	Comments
			Key: o (n) = open as of 10/20 (max # students); c = closed; t = Tulsa; I = internet; n = number of classes in Stillwater;	x = sche duled							
Introductory Graduate-Level Statistics and Research Methods											
Introduction to Description and Inferential Statistics											
AGEC	5213	Econometric Methods	o (30)			x			x	Chung	
AGEC	5233	Primary Data Collection and Analysis for Economists	o (20)			x			x	Lusk	sampling, categorical and ordinal outcomes, valuation methods
ECON	5213	Introduction to Econometrics									
ECON	5263	Introduction to Econometrics II									
ECON	5243 or 6213	Econometrics I	o (25)								See under advanced stat courses, too
MSIS	5303	Quantitative Methods in Business	o (44), I (45)							Wilson	
MSIS	5653	Advanced Systems Analysis & Design	c							Delen	modeling approaches, systems analysis for information systems
POLS	5013	Quantitative Methods of Political Analysis	o (14) I (10)							Hendershot	descriptive stats through multiple regression
PSYC	5304	Quantitative Methods in Psychol I			x			x		Grant & Tucker	Currently correlation, t-tests, basic ANOVA models, regression
PSYC	5314	Quantitative Methods in Psychol II	c			x			x	Baraldi & Tucker	
REMS	5953	Statistical Methods in Education	2 (15@) TI (15)							I-Barnes	Stats for consumers of educational research?
SOC	5263	Quantitative Analysis of Social Research	o (15)							Fullerton	
STAT	5013	Statistics for Experimenters I	o (40), I?							I-Goad	regression, ANOVA, correlations, categorical data analysis
ANOVA											
REMS	6003	Analysis of Variance	2 (12@)							Matlock	When taught at Tulsa?
STAT	5023	Statistics for Experimenters II	2 (30, 40), t(c) , I (45)							I-Goad	
Multiple Regression											
REMS	6013	Multiple Regression Analysis in Behavioral Studies	o (14), t (12)							Barnes, Khojasteh	
STAT	4043	Applied Regression Analysis	o (20)								Section 01G for grad credit: matrix algebra, residual analyses
Nonparametric Statistics											
REMS	5963	Computer Applications in Nonparametric Data Analyses		x		x					
STAT	5033	Nonparametric Methods									
Psychometrics											
REMS	6023	Psychometric Theory									Using classical true score theory
Qualitative Methods											
MGTG	6100	Qualitative Methods	c								
SOC	5273	Qualitative Research Methods	o (10)							Mix	
Computer Programming in Statistics											
MKTG	5243	Base SAS for Marketing	o (25), I (25)							McGaugh	
MKTG	5253	Advanced SAS for Marketing	o (30), I (30)							McGaugh	
MSIS	5393	Advanced Spreadsheet Modeling	o (30)							Weiser	
MSIS	5643	Advanced Database Management	c							Sarathy	
STAT	5091	SAS Programming	o (30)							staff	
Research Methods											
GEOG	5303	Geographical Analysis I	o (10)							Comer	Stats for geographic problem solving
HDFS	5133	Research Methods in HDFS			x			x		Harrist, Merten	
MSIS	5600	Big Data Technology & Application	o (25)							Sharda & Kalgotra	
POLS	5103	Research Design									
PSYC	6223	Research Methods									for psychophysics, sensation, perception, motivation & emotion, learning and memory
PSYC	6233	Clinical Research Design									exper design, etc.
REMS	5013	Research Design & Methodology	2 (15@) t(15) I (15)							I-Gordon	
SOC	5243	Social Research Design									
STAT	5043	Sample Survey Designs									Sampling, qnaire design, power estimation
Advanced Graduate-Level Statistics and Research Methods											
Multilevel Modeling (Linear Mixed Models)											
HDFS	6153	Multilevel Modeling in HDFS				x				Washburn	
Psyc	6913	Multilevel Modeling in Psychology	c								
REMS		Multilevel Modeling								Mwavita	
SOC	5950	Multilevel Modeling of Social Research								Fullerton	
Structural Equation Modeling											
HDFS	6143	Structural Equation Modeling for HDFS	o (12)							Washburn	
MGMT	6553	Structural Equation Modeling Applications in Business				x				Sarathy	SEM source cross-listed
MSIS	6343	Structural Equation Modeling Applications in Business				x				Sarathy	SEM source cross-listed
REMS	6320	Structural Equation Modeling	o (12)							Khojasteh	
Multivariate Statistics											
AGEC	6213	Advanced Econometrics				x				Brorsen	non-nested hypothesis tests, simulations, misspecification tests

Dept	Number	Title	Offering							Instructor	Notes
PSYC	6813	Multivariate Statistics for Psychology									factor analysis, MANOVA, etc.
REMS	6663	Applied Multivariate Research in Behavioral Studies	c							Mwavita	
STAT	5063	Multivariate Methods	o (25)							Habiger	MANOVA, Factor analysis, discriminant analysis
Factor Analysis											
REMS	6033	Factor Analysis in Behavioral Research									Exploratory and confirmatory
Time Series											
ECON	6233	Time Series Econometrics	cancelled								
STAT	5053	Time Series Analysis									
Categorical Data Analysis											
SOC	5950	Categorical Data Analysis								Fullerton	
STAT	5073	Categorical Data Analysis	o (20)						`	Zhu	loglinear models, ordinal outcomes, multinomial models
Psychometrics											
MGMT	6453	Advanced Measurement			x			x		Edwards	
REMS	6320	Doctoral Seminar in Item Response Theory						x		Matlock	
Q Methodology											
EPSY	6063	Research Applications with Q Methodology	o (20)							Montgomery	
Statistical Simulations											
STAT	5093	Statistical Computing									Monte Carlo simulations, bootstrap, jackknife, Markov chain simulations
Research Methods											
EPSY	6153	Advanced Research in Educational Psychology									
HDFS	6133	Advanced Research Methods in HDFS						x		Washburn	
Other											
AGEC	6300	Spatial Econometrics (1 hour course)	c?						x	Whitacre	Uses GeoDa, ARC-GIS, and Stata
ECON	6213	Econometrics I	o (25)							Adkins	
ECON	6243	Econometrics II									
GEOG	6306	Geographical Analysis II									Advanced spatial analysis
MGMT	6353	Advanced Methods in Management Research	c (contact professor about availability)			x			x	Edwards	
MKTG	6413	Advanced Marketing Research	o (25) I (25)							Chakraborty	MANOVA, discriminant analysis, EFA, CFA, SEM, cluster analysis, multidimensional scaling
MKTG	5743	Advanced Market Analytics	o (30) I (30)							Chakraborty	
MKTG	5963	Data Mining & CRM Applications	I (85)							Chakraborty	
MSIS	5413	Advanced Management Science									math programming, simulation, forecasting, Markov processes
MSIS	6343	Advanced Methods in MSIS Research	o (20)							Sarathy	=BADM 6343
POLS	6013	Qualitative Methods for Fire & Emergency Managers	o (10) I (10)							Greer	
POLS	6023	Quantitative Methods for Fire & Emergency Managers									
REMS	6373	Program Evaluation	o (12)								
REMS	6383	Program Evaluation II									
STAT	6013	Genetic Statistics									one-year sequence
STAT	5083	Statistics for Biomedical Researchers	o (10)							Payton	