

**Graduate-Level, Applied Statistics Courses**  
**University of Mississippi, Oxford Campus**  
**Fall Semester, 2018**

Course Number	Course Title	Statistical Software to be Used	Instructor (email)	ICAS Level (Introductory / Intermediate / Advanced)
BISC 504	Biometry	R	Dr. Jason Hoeksema ( <a href="mailto:hoeksema@olemiss.edu">hoeksema@olemiss.edu</a> )	Introductory
EDRS 601	Educational Statistics I (Web)	SPSS	Dr. Richard Balkin ( <a href="mailto:rsbalkin@olemiss.edu">rsbalkin@olemiss.edu</a> )	Introductory
HP 626	Statistical Analysis I	SPSS	Dr. Martha Bass ( <a href="mailto:mabass1@olemiss.edu">mabass1@olemiss.edu</a> )	Introductory
CJ 655	Criminal Justice Statistical Analysis	TBD	TBD	Introductory
PSY 703	Quantitative Methods in Psychology I	SPSS	Dr. Elicia Lair ( <a href="mailto:eclair@olemiss.edu">eclair@olemiss.edu</a> )	Introductory
POL 552	Applied Political Research	Stata and R	Dr. Benjamin Jones ( <a href="mailto:btjones1@olemiss.edu">btjones1@olemiss.edu</a> )	Intermediate
EDRS 701	Educational Statistics II	SPSS	Dr. Richard Balkin ( <a href="mailto:rsbalkin@olemiss.edu">rsbalkin@olemiss.edu</a> )	Intermediate
EDRS 705	Advanced Quantitative Research Methods	SPSS	Dr. Richard Balkin ( <a href="mailto:rsbalkin@olemiss.edu">rsbalkin@olemiss.edu</a> )	Intermediate
ECON 604 / BUS 604	Statistical Methods for Business and Economics	Stata and other	Dr. Walter Mayer ( <a href="mailto:wmayer@olemiss.edu">wmayer@olemiss.edu</a> )	Intermediate
BISC 662	Multivariate Analysis of Ecological Data	R, Primer v7 plus Permanova, and JMP v5	Dr. J. Stephen Brewer ( <a href="mailto:jbrewer@olemiss.edu">jbrewer@olemiss.edu</a> )	Intermediate
PHAD 780	General Linear Models	SPSS	Dr. John Bentley ( <a href="mailto:phjpb@olemiss.edu">phjpb@olemiss.edu</a> )	Intermediate
ECON 630	Econometrics I	N/A	Dr. Cheng Cheng ( <a href="mailto:cheng@olemiss.edu">cheng@olemiss.edu</a> )	Advanced
MATH 575	Mathematical Statistics I	N/A	Dr. Dao Xuan Nguyen ( <a href="mailto:dxnguyen@olemiss.edu">dxnguyen@olemiss.edu</a> )	Advanced
MATH 775	Advanced Statistics I (Topic: Modern statistical methods for data mining, inference and prediction using the textbook of Hastie, Tibshirani and Friedman: <i>The Elements of Statistical Learning</i> )	R	Dr. Xin Dang ( <a href="mailto:xdang@olemiss.edu">xdang@olemiss.edu</a> )	Advanced

**Note:** Most of the intermediate and advanced courses have prerequisites. Please check the online course catalog or contact the instructor for more information.