Colorado State University

APPLIED STATISTICS Minor

Name: _____ CSUID: _____ (ATSQ)

Undergraduate Advisor: Ben Prytherch 105 Statistics Please email E-mail: prytherc@stat.colostate.edu

Program Coordinator: Katy Jackson 102 Statistics Phone: 491-5269 E-mail: jackson@stat.colostate.edu

REQUIRED COURSES -- One course from EACH Group A and B; ALL courses in Group C. Must take 6 Elective credits from list provided or approved by Undergraduate Advisor in Statistics.

Students in the **biological sciences** should take STAT 307 or ERHS 307 from A. Students in the **social sciences** should take STAT311 in A. Students with a calculus background should take STAT 315 from A. Everyone else should take STAT301.

GROUP A (Select one):	3 CR
_____ STAT 301 Intro to Statistical Methods	[3]
_____ STAT/ERHS 307 Introduction to Biostatistics	[3]
_____ STAT 311 Statistics for Behavioral Sciences I	[3]
_____ STAT 315 Statistics for Engineers and Scientists	[3]
GROUP B (Select one):	3 CR
_____ STAT 305 Sampling Techniques (F)	[3]
_____ STAT 312 Statistics for Behavioral Sciences II	[3]
	[3]
GROUP C (Must take **ALL** courses):	9 CR
_____ STAT 341 Data Analysis I (F)	[3]
_____ STAT 342 Data Analysis Tools (F)	[3]
_____ STAT 472 Statistical Consulting (S)	[3]

GRADUATION REQUIREMENTS (21 credits minimum)

Total REQUIRED Credits……[ ]

Total ELECTIVE Credits…… [ ]

GRAND TOTAL, ALL CREDITS……..[ ]

Total STATISTICS Credits……..[ ]

Total UPPER-DIVISION Credits……[ ]

NOTE: Minimum grade of C must be obtained in REQUIRED courses. In accordance with University requirements, at least 12 credits must be in courses offered by the Statistics Department and at least 12 credits must be numbered 300 or higher. Any deviations from the requirements must be proposed in writing by the student and approved by the Statistics Undergraduate Advisor or the Statistics Department Chairperson.

ELECTIVE COURSES -- This is not meant to be an *all-inclusive* listing of elective courses. The electives shown below represent a portion of those courses at the 300-400 level which are offered by other departments and which are acceptable in meeting the minor in Statistics. It is recommended that courses not listed below be pre-approved for acceptability by the Undergraduate Advisor in Statistics or the Statistics Department Chairperson.

_____ ECON 335 Intro to Econometrics	[3]
_____ ECON 435 Economic Forecasting	[3]
_____ ECE 311 Linear System Analysis I	[3]
_____ ECE 312 Linear System Analysis II	[3]
_____ F 321 Forest Biometry	[4]
_____ F 422 Quantitative Methods in Forest Management	[4]
_____ FW 370 Design of Fish/Wildlife Projects	[3]
_____ FW 471 Wildlife Data Collection and Analysis	[4]
_____ MATH 369 Linear Algebra	[3]
_____ MATH 435 Projects in Applied Mathematics	[3]
_____ MATH 450 Intro to Numerical Analysis I	[3]
_____ MATH 451 Intro to Numerical Analysis II	[3]
_____ MECH 417 Control Systems	[3]
_____ MGT 301 Supply Chain Management	[3]
_____ MGT 475 Int'l Business Management	[1]
_____ NR 421 Natural Resources Sampling	[1]
_____ NR 422 CIS Applications in Natural Resource Management	[4]
_____ PSY 317 Social Psychology Lab	[2]
_____ PSY 370 Psychological Measurement/Testing	[3]
_____ PSY 371 Psychological Measurement/Testing Lab	[1]
_____ SOCR 414 Agricultural Experimental Design	[3]
_____ STAT 305 Sampling Techniques* (F)	[3]
_____ STAT 312 Statistics for Behavioral Sciences II*	[3]
_____ STAT 350 Design of Experiments* (F)	[3]
_____ STAT 321 Elementary Probability/Stochastic Modeling (S)	[3]
_____ STAT 420 Probability & Mathematical Statistics I (F)	[3]
_____ STAT 430 Probability & Mathematical Statistics II (S)	[3]
_____ STAT 460 Applied Multivariate Analysis (S)	[3]

* If not used as a Group B Course

All 500-600 level courses in Statistics/Other Pre-Approved

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REVISED 03/31/17