

# STATISTICS MINOR

Select one of the following introductory sequences: 12

STAT 217 & STAT 313 & STAT 323	Introduction to Statistical Concepts and Methods and Applied Experimental Design and Regression Models and Design and Analysis of Experiments I
STAT 217 & STAT 313 & STAT 324	Introduction to Statistical Concepts and Methods and Applied Experimental Design and Regression Models and Applied Regression Analysis
STAT 217 & STAT 313 & STAT 334	Introduction to Statistical Concepts and Methods and Applied Experimental Design and Regression Models and Applied Linear Models
STAT 218 & STAT 313 & STAT 323	Applied Statistics for the Life Sciences and Applied Experimental Design and Regression Models and Design and Analysis of Experiments I
STAT 218 & STAT 313 & STAT 324	Applied Statistics for the Life Sciences and Applied Experimental Design and Regression Models and Applied Regression Analysis
STAT 218 & STAT 313 & STAT 334	Applied Statistics for the Life Sciences and Applied Experimental Design and Regression Models and Applied Linear Models
STAT 251 & STAT 252 & STAT 323	Statistical Inference for Management I and Statistical Inference for Management II and Design and Analysis of Experiments I
STAT 251 & STAT 252 & STAT 324	Statistical Inference for Management I and Statistical Inference for Management II and Applied Regression Analysis
STAT 251 & STAT 252 & STAT 334	Statistical Inference for Management I and Statistical Inference for Management II and Applied Linear Models
STAT 301 & STAT 302 & STAT 323	Statistics I and Statistics II and Design and Analysis of Experiments I
STAT 301 & STAT 302 & STAT 324	Statistics I and Statistics II and Applied Regression Analysis

STAT 301 & STAT 302 & STAT 334	Statistics I and Statistics II and Applied Linear Models
STAT 312 & STAT 313 & STAT 323	Statistical Methods for Engineers and Applied Experimental Design and Regression Models and Design and Analysis of Experiments I
STAT 312 & STAT 313 & STAT 324	Statistical Methods for Engineers and Applied Experimental Design and Regression Models and Applied Regression Analysis
STAT 312 & STAT 313 & STAT 334	Statistical Methods for Engineers and Applied Experimental Design and Regression Models and Applied Linear Models
STAT 312 & STAT 323 & STAT 324	Statistical Methods for Engineers and Design and Analysis of Experiments I and Applied Regression Analysis
STAT 312 & STAT 323 & STAT 334	Statistical Methods for Engineers and Design and Analysis of Experiments I and Applied Linear Models
STAT 321 & IME 326 & STAT 323	Probability and Statistics for Engineers and Scientists and Engineering Test Design and Analysis and Design and Analysis of Experiments I
STAT 321 & IME 326 & STAT 324	Probability and Statistics for Engineers and Scientists and Engineering Test Design and Analysis and Applied Regression Analysis
STAT 321 & IME 326 & STAT 334	Probability and Statistics for Engineers and Scientists and Engineering Test Design and Analysis and Applied Linear Models

Select from the following: 12

DATA 301	Introduction to Data Science
STAT 305	Introduction to Probability and Simulation
STAT 323	Design and Analysis of Experiments I
STAT 324	Applied Regression Analysis
STAT 330	Statistical Computing with SAS
STAT 331	Statistical Computing with R
STAT 334	Applied Linear Models
STAT 405	Applied Probability Models
STAT 410	Statistics Education: Pedagogy, Content, Technology, and Assessment
STAT 414	Multilevel and Mixed Modeling
STAT 415	Bayesian Reasoning and Methods
STAT 416	Statistical Analysis of Time Series
STAT 417	Survival Analysis Methods

STAT 418	Categorical Data Analysis
STAT 419	Applied Multivariate Statistics
STAT 421	Survey Sampling and Methodology
STAT 423	Design and Analysis of Experiments II
STAT 425	Probability Theory
STAT 426	Estimation and Sampling Theory
STAT 427	Mathematical Statistics
STAT 431	Advanced Statistical Computing with R
STAT 434	Statistical Learning: Methods and Applications
<b>Total units</b>	<b>24</b>