*Content Area Prerequisites Course Equivalents*

**Number** ST132 **Credits** 3

**Course Title** Reasoning with Statistics

**Description** This course is designed to develop student facility in the use of statistical methods and the understanding of statistical concepts. The focus of the course will be a practical approach based on statistical examples taken from everyday life. Topics include: descriptive and inferential statistics, an intuitive introduction to probability, estimation, hypothesis testing, chi-square tests, regression and correlation. Appropriate technology will be used to perform the calculations for many applications, and correspondingly an emphasis will be placed on interpreting the results of statistical procedures. Credit will not be granted for this course and any of the following: BU215, B392, or ST232. Prerequisite: mathematics competency.

**Number Course Title Distance Credits School**

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| --- | --- | --- | --- | --- |
| MATH 1150 | Statistical Analysis | Traditional | 4 | Minneapolis Community Technical |
| MATH 1080 | Introduction to Statistics | Traditional | 4 | Normandale Community College |
| MATH 1130 | Elementary Statistics | Traditional | 3 | North Hennepin Community |
| MATH 1110 | Introductory Statistics I | Traditional | 3 | Anoka Ramsey Community College |
| SOCS 1108 | Introductory Applied Statistics I | Traditional | 3 | Anoka Ramsey Community College |
| STAT 201 | Statistics I | Traditional | 4 | Metropolitan State University |
| MATH 1103 | Introduction to Statistics | Traditional | 4 | Inver Hills Community College |
| MATH 1740 | Introduction to Statistics | Traditional | 4 | Saint Paul College |
| MATH 1025 | Statistics | Traditional | 4 | Century College |
| MATH 2208 | Fundamentals of Statistics | Traditional | 4 | Rochester Community & Technical |
| MTH 145 | Elementary Statistics | Traditional | 4 | University of Wisconsin LaCrosse |
| PSY 231 | Statistics | Traditional | 3 | Winona State University |
| STAT 3011 | Introduction to Statistical Analysis | Traditional | 4 | University of Minnesota |
| STAT 110 | Fundamentals of Statistics | Traditional | 3 | Winona State University |
| MTH 250 | Statistics | Traditional | 3 | University of Wisconsin LaCrosse |
| STAT 219 | Statistics for the Social Sciences | Traditional | 3 | St. Cloud State University |
| 22S:102:GW1 | Introduction to Statistical Methods | Distance | 3 | University of Iowa |
| PSYC 241 | Introduction to Statistics | Distance | 4 | University of North Dakota |
| SOC 202 | Introductory Social Statistics | Traditional | 3 | South Central Technical College |
| ECON 226 | Introduction to Statistics | Traditional | 3 | University of Wisconsin River Falls |
| MATH 216 | Elementary Statistical Concepts | Traditional | 3 | University of Wisconsin River Falls |
| MATH 226 | Fundamentals of Statistics | Traditional | 3 | University of Wisconsin River Falls |
| SOCI 250 | Introduction to Social Statistics | Traditional | 3 | University of Wisconsin River Falls |
| MATH 1070 | Introduction to Statistical Inference | Distance | 3 | University of Utah |
| MATH 115 | Statistical Reasoning | Distance | 3 | University of Tennessee |
| 1310 | Elementary Statistical Methods | Distance | 3 | University of Missouri |
| MA 3000 | Business Statistics | Traditional | 5 | National American University |
| MA 3000D | Business Statistics | Distance | 5 | National American University |
| MAT 206 | Elements of Statistics | Distance | 3 | Rio Salado College |
| PSY 230 | Introduction to Statistics | Distance | 3 | Rio Salado College |
| GC 1454 | Statistics | Traditional | 4 | University of Minnesota |
| MATH 1140 | Introductory Statistics | Traditional | 4 | Minneapolis Community Technical |