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## INTRODUCTION PROBABILITIES AND STATISTICS

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**MAT 114 Introduction Probabilities and Statistics****3.0 UNITS**

This course offers an analysis of the basic ideas and methods of collecting, tabulating, and representing data. Topics include frequency distributions, histograms and frequency polygons; measures of central tendency, variability percentiles; Z-scores, elementary probability, binomial and normal distributions; linear regression and correlation, and hypothesis testing.