

# Statistics

If statistics was completed as an advanced placement course, please include any courses that required statistics as a prerequisite and/or any advanced level statistics coursework.

## **Courses that frequently meet our requirement are titled:**

- Applied Business Statistics
- Applied Econometrics
- Applied Statistics
- Basic Statistical Methods
- Business Analytics and Statistics
- Business Statistics
- Decision Analysis
- Elementary Business Statistics
- Introduction to Statistics
- Probability and Statistics
- Quantitative Methods
- Quantitative Reasoning

## **Sample of Required Content:**

1. Adverse selection
2. Aggregation of Information in Markets
3. Application of Probability
4. Bayes Rule
5. Binomial Probabilities
6. Central Limit Theorem and LLN
7. Conditional Probability
8. Constant absolute risk aversion
9. Cost Concert Decision Trees
10. Cost Uncertainty
11. Cost: sunk and variable
12. Decision Trees
13. Exponential utility
14. Framing
15. Geometric distribution
16. Market entry
17. Normal Distribution
18. Options value and Flexibility
19. Probability and Decision Making
20. Random Variables
21. Risk
22. Risk aversion and certainty equivalents
23. Selection Bias
24. Standard Deviation
25. Value of Information
26. Variance

**Questions? Email: [acceleratedeligibility@kellogg.northwestern.edu](mailto:acceleratedeligibility@kellogg.northwestern.edu)**