

**Overall Minor Requirements**

- 18 senior-level, non-duplicative statistics credits
- A minimum of 6 credits at the 300- or 400-level

**Required Courses for the Statistics Minor**

The courses listed below are not part of the statistics minor, but are prerequisites for required minor courses.

- MATH 114 Elementary Calculus I
- MATH 115 Elementary Calculus II

**Minor Requirements**

**18 Credits**

- STAT 265 Probability Theory (*with a minimum grade of C-*)
- STAT 266 Mathematical Statistics (*with a minimum grade of C-*)

Choose 12 credits:

- STAT \_\_\_\_\_
- STAT \_\_\_\_\_
- STAT \_\_\_\_\_
- STAT \_\_\_\_\_

**Important Planning Notes**

1. Courses required for the minor may be used to satisfy the breadth requirements in a Bachelor of Arts or Science degree. Please refer to the applicable degree planner for details.
2. Students are required to consult the MacEwan University academic calendar to ensure they meet prerequisites for all courses they enrol in.
3. Please keep in mind that course offerings will vary from academic year to academic year.

**Statistics Minor (18 credits)**

**Total Credits:** \_\_\_\_\_

## Statistics Course Offerings

- STAT 252 Applied Statistics II
- STAT 265 Probability Theory
- STAT 266 Mathematical Statistics
  
- STAT 322 Finite Markov Chains and Applications
- STAT 324 Computational Statistics with R
- STAT 350 Sampling Theory and Applications
- STAT 353 Design and Analysis of Experiments
- STAT 370 Applied Time Series Analysis
- STAT 371 Applied Categorical Data Analysis
- STAT 372 Applied Multivariate Analysis
- STAT 378 Applied Regression Analysis
  
- STAT 412 Stochastic Processes
- STAT 465 Probability Theory and Mathematical Statistics
- STAT 495 Special Topics in Statistics