

Statistics.com
Bachelor of Science in Liberal Arts
"Your statistics program is R"

This program plan outlines how students can apply their Statistics.com courses to Excelsior College's B.S. in Liberal Arts degree program.
This guide is only a sample scenario. Excelsior College reviews every student individually. Actual requirements will be dependent on the courses a student transfers and the application date with Excelsior.
Revision: November 2021

| Statistics.com | Semester Hours | Excelsior College Requirements | Semester Hours |
|--|----------------|---------------------------------------|----------------|
| Matrix Algebra Review | 3 | Natural Sciences/Mathematics Elective | 3 |
| Introductory Statistics for College Credit | 3 | Mathematics Requirement | 3 |
| Forecasting Analytics | 3 | Applied Professional | 3 |
| Customer Analytics in R | 3 | Applied Professional | 3 |
| Predictive Analytics 1-Machine Learning Tools using R | 3 | Upper Level Electives | 3 |
| Predictive Analytics 2-Neural Nets and Regression using R | 3 | Upper Level Electives | 3 |
| Predictive Analytics 3-Dimension Reduction, Clustering and Association Rules using R | 3 | Upper Level Electives | 3 |
| Perusasion Analytics and Targeting | 3 | Upper Level Electives | 3 |
| Interactive Data Visualization | 2 | Upper Level Electives | 3 |
| Introduction to Network Analysis | 3 | Upper Level Electives | 3 |
| Optimization-Linear Programing | 3 | Upper Level Electives | 3 |
| Spatial Statistics and Geographic Information Systems | 3 | Upper Level Electives | 3 |
| Predictive Analytics for Healthcare | 3 | Graduate | 3 |
| Regression Analysis | 3 | Graduate | 3 |
| Responisible Data Science | 3 | Graduate | 3 |
| Categorical Data Analysis | 3 | Applied Professional (Graduate) | 3 |
| Financial Risk Modeling | 3 | Applied Professional (Graduate) | 3 |
| Integer & Nonlinear Programming and Network Flow | 3 | Applied Professional (Graduate) | 3 |
| Cluster Analysis (new name: Statistical and Machine Learning Methods for Analyzing Clusters and Detecting Anomalies) | 3 | Graduate | 3 |

Highlighted classes can be used at the undergraduate or graduate level, not both **Total 57**

| EXCELSIOR COLLEGE CREDIT REQUIREMENTS | | Semester Hours |
|---|--|----------------|
| ARTS AND SCIENCES COMPONENT | | |
| ENG 101: English Composition | | 3 |
| ENG 102: Composition II (or other applied writing course) | | 3 |
| Ethics | | 3 |
| Humanities Electives | | 9 |
| Social Sciences/History Electives | | 12 |
| Natural Sciences | | 3 |
| Arts & Sciences Electives | | 18 |
| LA 498: Liberal Arts Capstone (<i>Must be taken with Excelsior</i>) | | 3 |
| OTHER REQUIREMENTS | | |
| Information Literacy (<i>Must be taken with Excelsior</i>) | | 1 |
| IND 101: Cornerstone A (Foundations) OR IND 301: Cornerstone B (Pathways) (<i>Must be taken with Excelsior</i>) | | 3 |
| Applied Professional Electives | | 9 |
| TOTAL | | 67 |

| EVALUATION SUMMARY | | Semester Hours |
|--------------------------------------|--|----------------|
| Credits Accepted from Statistics.com | | 57 |
| Credits from Excelsior * | | 67 |
| TOTAL CREDITS REQUIRED | | 124 |

* All credits with the exception of information literacy, cornerstone, and capstone may be transferred from other institutions.

* Students are required to take a minimum of twelve (12) online Excelsior College course credits to qualify for partner pricing.

* Excelsior College reviews every student individually and this guide is just a sample scenario. Actual requirements will be dependent on the courses a student transfers to Excelsior.

* A total of 21 upper level credits are required in the arts & sciences.



