

Statistics.com
Bachelor of Science in Liberal Arts
"Your stats package is Python"

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: September 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
Python for Analytics	3	Applied Professional	3
Introduction to Python Programming	3	Applied Professional	3
Integer & Nonlinear Programming and Network Flow	3	Applied Professional	3
Categorical Data Analysis	3	Applied Professional	3
Financial Risk Modeling	3	Applied Professional	3
Introduction to NLP and Text Minig	3	Upper Level Electives	3
NLP and Deep Learning	3	Upper Level Electives	3
Predictive Analytics 1-Machine Learning Tools	3	Upper Level Electives	3
Predictive Analytics 2-Neutral Nets and Regression	3	Upper Level Electives	3
Predictive Analytics 3-Dimension Reduction, Clustering and Association Rules	3	Upper Level Electives	3
Persuasion Analytics and Targeting	3	Upper Level Electives	3
Interactive Data Visualization	3	Upper Level Electives	3
Introduction to Network Analysis	3	Upper Level Electives	3
Optimization-Linear Programing	3	Upper Level Electives	3
Statistical and Machine Learning Methods for Analyzing Clusters and Detecting Anomalies	3	Upper Level Electives	3
TOTAL			54

EXCELSIOR COLLEGE CREDIT REQUIREMENTS

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	20
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	6
TOTAL	66

EVALUATION SUMMARY

	Semester Hours
Credits Accepted from Statistics.com	54

Credits from Excelsior *	66
TOTAL CREDITS REQUIRED	120

* 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.

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