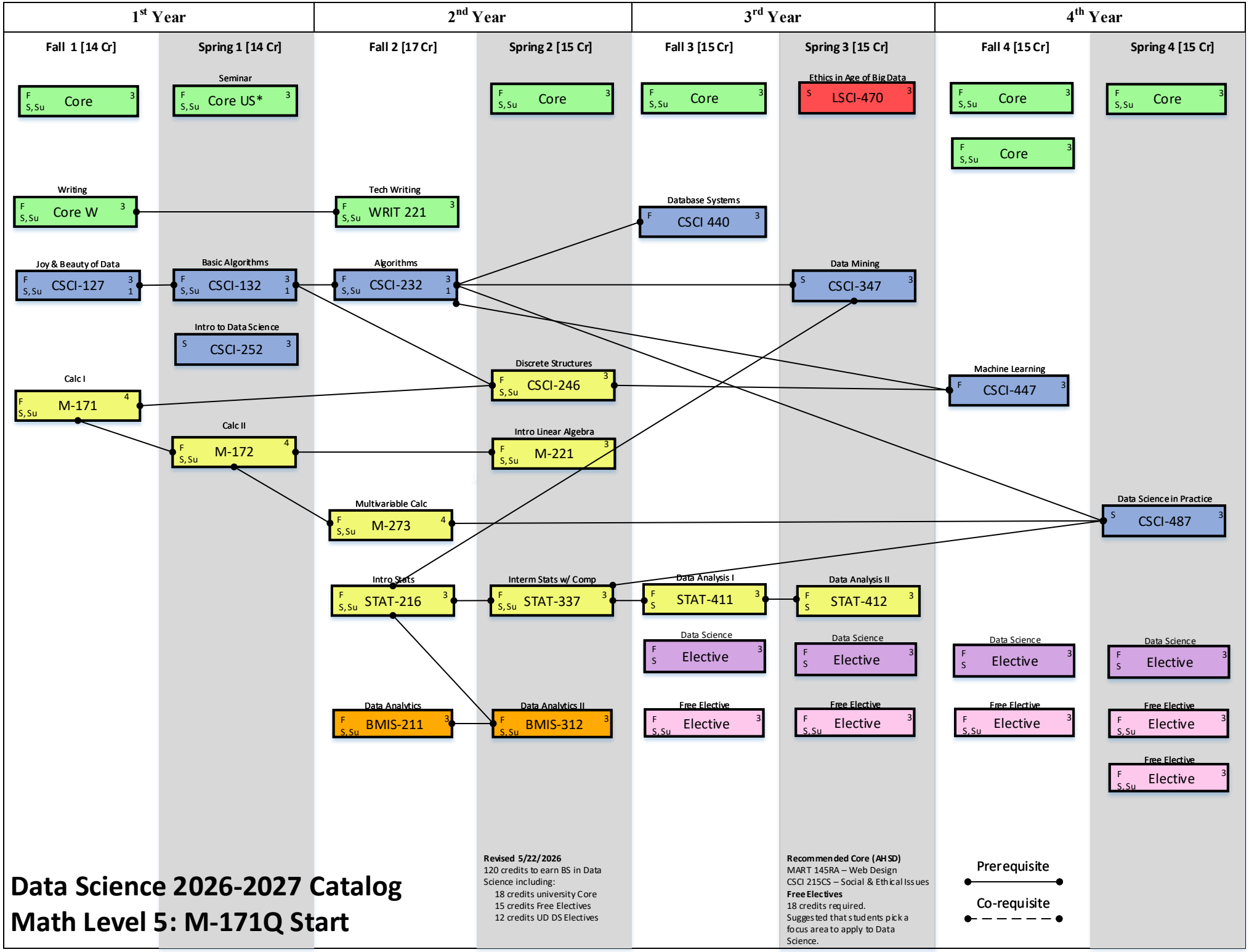
1st Year
2nd Year
3rd Year
4th Year
Fall 1 [14 Cr]
Spring 1 [14 Cr]
Fall 2 [17 Cr]
Spring 2 [15 Cr]
Fall 3 [15 Cr]
Spring 3 [15 Cr]
Fall 4 [15 Cr]
Spring 4 [15 Cr]
F S,Su Core 3
Seminar
F S,Su Core US* 3
F S,Su Core 3
F S,Su Core 3
Ethics in Age of Big Data
S LSCI-470 3
F S,Su Core 3
F S,Su Core 3
Writing
F S,Su Core W 3
Tech Writing
F S,Su WRIT 221 3
Database Systems
F CSCI 440 3
Joy & Beauty of Data
F S,Su CSCI-127 3 1
Basic Algorithms
F S,Su CSCI-132 3 1
Algorithms
F S,Su CSCI-232 3 1
Data Mining
S CSCI-347 3
Intro to Data Science
S CSCI-252 3
Discrete Structures
F S,Su CSCI-246 3
Machine Learning
F CSCI-447 3
Calc I
F S,Su M-171 4
Calc II
F S,Su M-172 4
Intro Linear Algebra
F S,Su M-221 3
Multivariable Calc
F S,Su M-273 4
Data Science in Practice
S CSCI-487 3
Intro Stats
F S,Su STAT-216 3
Interm Stats w/ Comp
F S,Su STAT-337 3
Data Analysis I
F S STAT-411 3
Data Analysis II
F S STAT-412 3
Data Science
F S Elective 3
Data Science
F S Elective 3
Data Science
F S Elective 3
Data Science
F S Elective 3
Data Analytics
F S,Su BMIS-211 3
Data Analytics II
F S,Su BMIS-312 3
Free Elective
F S,Su Elective 3
Free Elective
F S,Su Elective 3
Free Elective
F S,Su Elective 3
Free Elective
F S,Su Elective 3
Free Elective
F S,Su Elective 3
Revised 5/22/2026
120 credits to earn BS in Data Science including:
18 credits university Core
15 credits Free Electives
12 credits UD DS Electives
Recommended Core (AHSD)
MART 145RA – Web Design
CSCI 215CS – Social & Ethical Issues
Free Electives
18 credits required.
Suggested that students pick a focus area to apply to Data Science.
Prerequisite
Co-requisite
Data Science 2026-2027 Catalog
Math Level 5: M-171Q Start