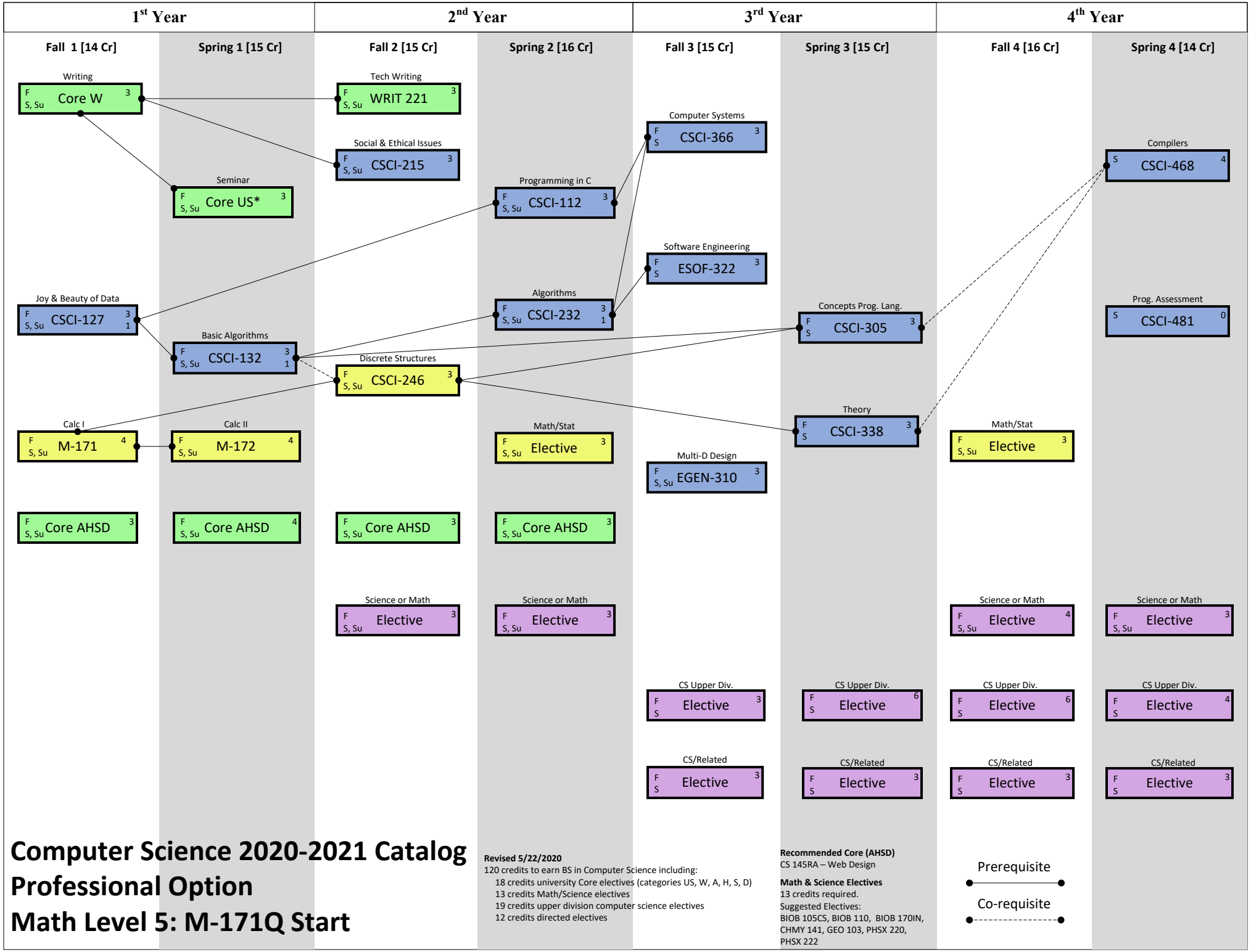
1st Year
2nd Year
3rd Year
4th Year
Fall 1 [14 Cr]
Spring 1 [15 Cr]
Fall 2 [15 Cr]
Spring 2 [16 Cr]
Fall 3 [15 Cr]
Spring 3 [15 Cr]
Fall 4 [16 Cr]
Spring 4 [14 Cr]
Writing
F S, Su Core W 3
Tech Writing
F S, Su WRIT 221 3
Social & Ethical Issues
F S, Su CSCI-215 3
Seminar
F S, Su Core US* 3
Programming in C
F S, Su CSCI-112 3
Computer Systems
F S CSCI-366 3
Software Engineering
F S ESOF-322 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
Discrete Structures
F S, Su CSCI-246 3
Concepts Prog. Lang.
F S CSCI-305 3
Theory
F S CSCI-338 3
Compilers
S CSCI-468 4
Prog. Assessment
S CSCI-481 0
Calc I
F S, Su M-171 4
Calc II
F S, Su M-172 4
Math/Stat
F S, Su Elective 3
Multi-D Design
F S, Su EGEN-310 3
Math/Stat
F S, Su Elective 3
F S, Su Core AHSD 3
F S, Su Core AHSD 4
F S, Su Core AHSD 3
F S, Su Core AHSD 3
Science or Math
F S, Su Elective 3
Science or Math
F S, Su Elective 3
Science or Math
F S, Su Elective 4
Science or Math
F S, Su Elective 3
CS Upper Div.
F S Elective 3
CS Upper Div.
F S Elective 6
CS Upper Div.
F S Elective 6
CS Upper Div.
F S Elective 4
CS/Related
F S Elective 3
CS/Related
F S Elective 3
CS/Related
F S Elective 3
CS/Related
F S Elective 3
Computer Science 2020-2021 Catalog
Professional Option
Math Level 5: M-171Q Start
Revised 5/22/2020
120 credits to earn BS in Computer Science including:
18 credits university Core electives (categories US, W, A, H, S, D)
13 credits Math/Science electives
19 credits upper division computer science electives
12 credits directed electives
Recommended Core (AHSD)
CS 145RA – Web Design
Math & Science Electives
13 credits required.
Suggested Electives:
BIOB 105CS, BIOB 110, BIOB 170IN, CHMY 141, GEO 103, PHSX 220, PHSX 222
Prerequisite
Co-requisite