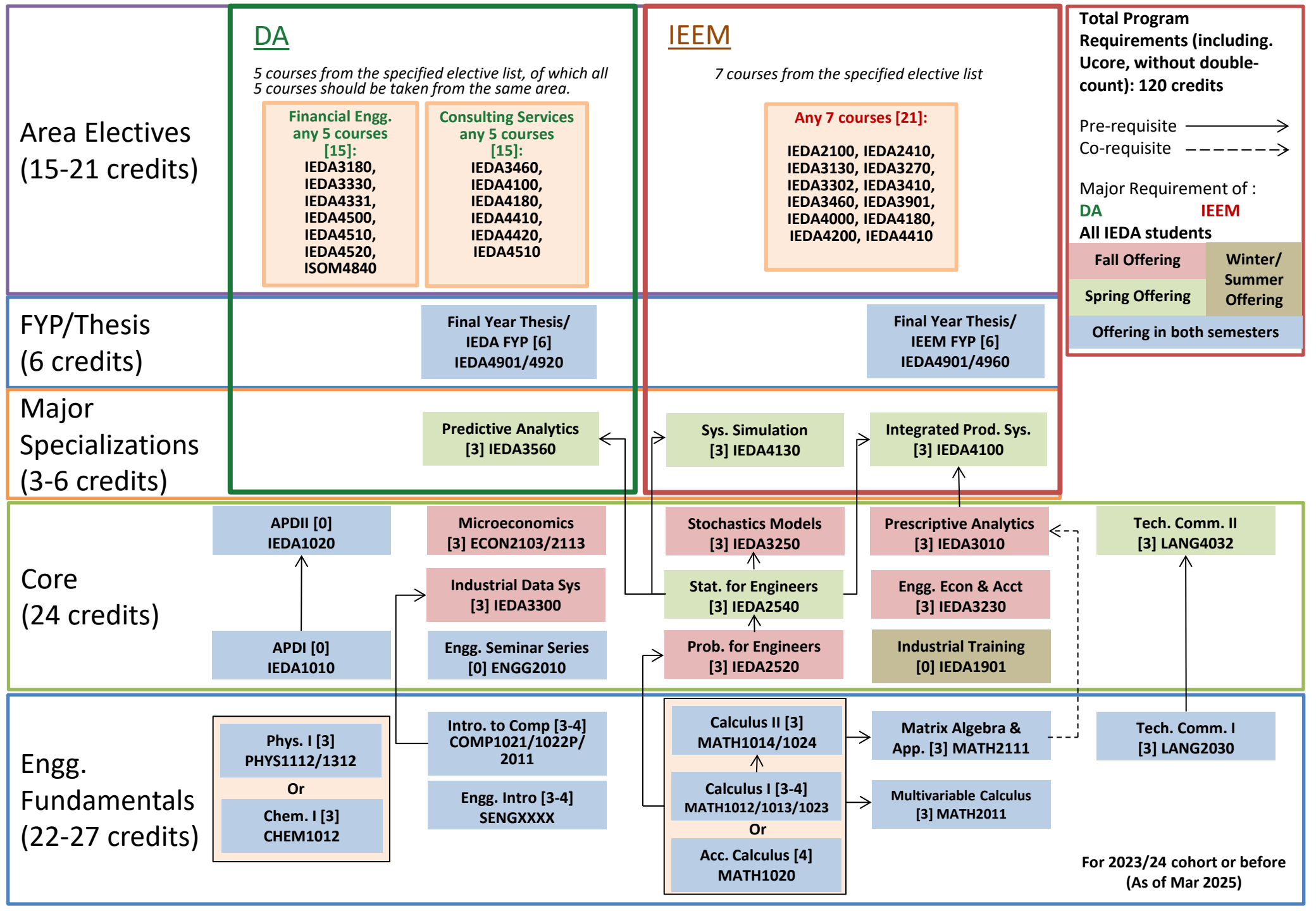
Area Electives
(15-21 credits)
DA
5 courses from the specified elective list, of which all 5 courses should be taken from the same area.
Financial Engg. any 5 courses [15]:
IEDA3180, IEDA3330, IEDA4331, IEDA4500, IEDA4510, IEDA4520, ISOM4840
Consulting Services any 5 courses [15]:
IEDA3460, IEDA4100, IEDA4180, IEDA4410, IEDA4420, IEDA4510
IEEM
7 courses from the specified elective list
Any 7 courses [21]:
IEDA2100, IEDA2410, IEDA3130, IEDA3270, IEDA3302, IEDA3410, IEDA3460, IEDA3901, IEDA4000, IEDA4180, IEDA4200, IEDA4410
Total Program Requirements (including. Ucore, without double-count): 120 credits
Pre-requisite
Co-requisite
Major Requirement of :
DA
IEEM
All IEDA students
Fall Offering
Winter/ Summer Offering
Spring Offering
Offering in both semesters
FYP/Thesis
(6 credits)
Final Year Thesis/ IEDA FYP [6] IEDA4901/4920
Final Year Thesis/ IEEM FYP [6] IEDA4901/4960
Major Specializations
(3-6 credits)
Predictive Analytics [3] IEDA3560
Sys. Simulation [3] IEDA4130
Integrated Prod. Sys. [3] IEDA4100
Core
(24 credits)
APDII [0] IEDA1020
APDI [0] IEDA1010
Microeconomics [3] ECON2103/2113
Industrial Data Sys [3] IEDA3300
Engg. Seminar Series [0] ENGG2010
Stochastics Models [3] IEDA3250
Stat. for Engineers [3] IEDA2540
Prob. for Engineers [3] IEDA2520
Prescriptive Analytics [3] IEDA3010
Engg. Econ & Acct [3] IEDA3230
Industrial Training [0] IEDA1901
Tech. Comm. II [3] LANG4032
Engg. Fundamentals
(22-27 credits)
Phys. I [3] PHYS1112/1312
Or
Chem. I [3] CHEM1012
Intro. to Comp [3-4] COMP1021/1022P/ 2011
Engg. Intro [3-4] SENGXXXX
Calculus II [3] MATH1014/1024
Calculus I [3-4] MATH1012/1013/1023
Or
Acc. Calculus [4] MATH1020
Matrix Algebra & App. [3] MATH2111
Multivariable Calculus [3] MATH2011
Tech. Comm. I [3] LANG2030
For 2023/24 cohort or before
(As of Mar 2025)