

COMPUTER SCIENCE – APPLIED OPTION

FIRST YEAR

Academic Year 2015-2016

SECOND YEAR

Fall

Winter

Spring

Fall

Winter

Spring

Co-Req MTH 112

CS 161

MTH 231 & CS 162

CS 161

WR 121

CS 160
Computer Science
Orientation
F (3)

CS 161
Intro to Comp. Sci. I
C++
F, W, S, U, E (4)

CS 162
Intro to Comp. Sci. II
C++, C
F, W, S, U, E (4)

CS 261
Data Structures
C
F, W, S, U, E (4)

CS 271
Computer Arch. &
Assembly Lang.
W, U, E (4)

WR 327
Technical Writing
F, W, S, U, E (3)

MTH 112

MTH 251

MTH 112

WR 121

CS 162

MTH 251
Differential Calculus
F, W, S, U, E (4)

MTH 252
Integral Calculus
F, W, S, U, E (4)

MTH 231
Discrete Math I
F, W, S, U, E (4)

WR 214/222
Writing for Bus./
English Comp.
F, W, S, U, E (3)

CS 290
Web Development
F, W, E (4)

Perspectives
Second Biological or
Physical Science
F, W, S, U, E (4)

WR 121
English Composition
Alpha Sectioned
F, W, S, U, E (3)

COMM
111/114
Speech
F, W, S, U (3)

Perspectives
Social Processes
& Institutions
F, W, S, U, E (3)

ST 314
Statistics for
Engineers
F, W, S, U, E (3)

Perspectives
Physical Science
F, W, S, U, E (4)

Difference,
Power &
Discrimination
F, W, S, U, E (3)

HHS 231 +
241/PAC
Lifetime Fitness
F, W, S, U, E (2+1)

Perspectives
Biological Science
F, W, S, U, E(4)

Perspectives
Western Culture
F, W, S, U, E (3)

Perspectives
Literature & Arts
F, W, S, U, E (3)

Perspectives
Cultural Diversity
F, W, S, U, E (3)

Electives

(3)

Notes:

1. F, W, S, U: Represents the term the course is offered (Fall, Winter, Spring, Summer, Ecampus)
2. (_) : Represents the credits of the course
3. Arrows: Represents prerequisites and co-requisites for that course
4. Shaded courses are required prior to admission to the Professional Program
5. Summer Courses may be cancelled due to low enrollment

COMPUTER SCIENCE – APPLIED OPTION

THIRD YEAR

Academic Year 2015-2016

FOURTH YEAR

Fall

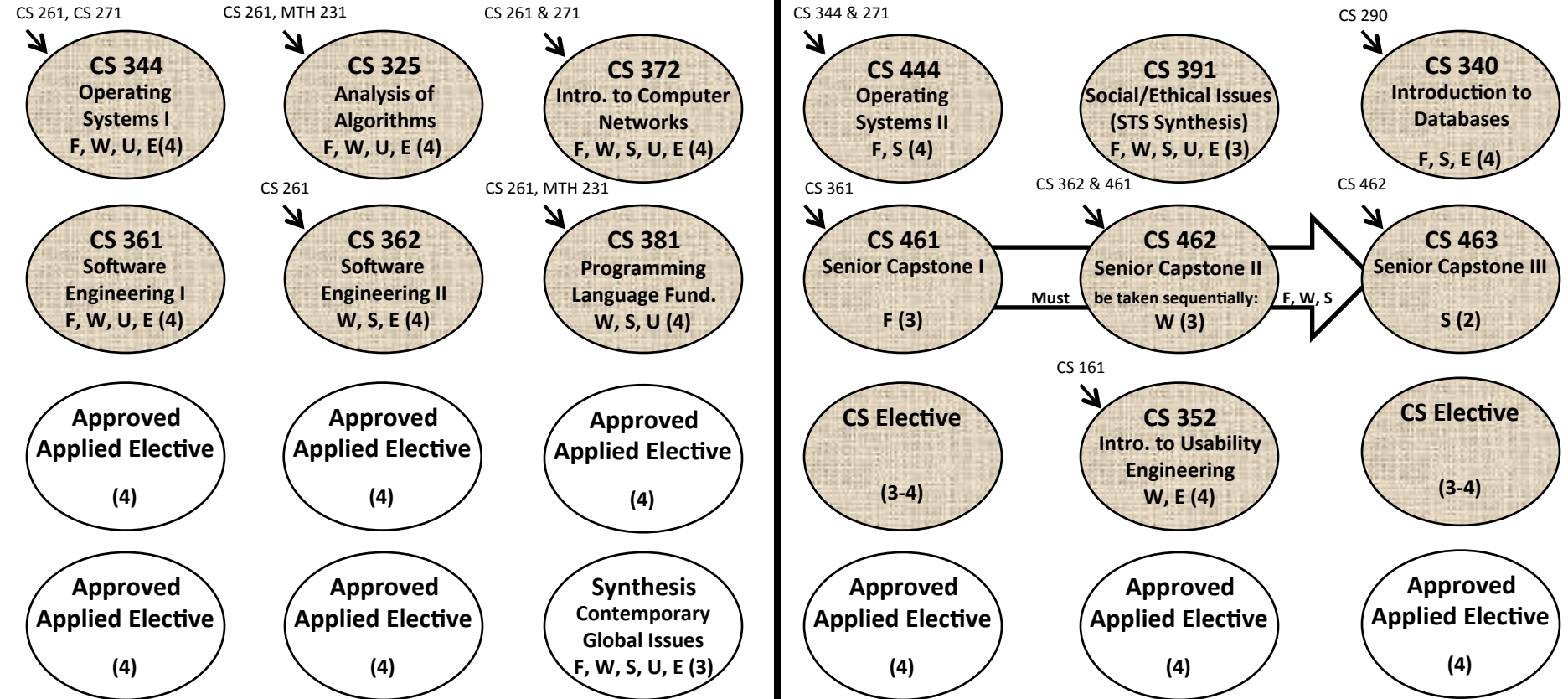
Winter

Spring

Fall

Winter

Spring



Notes:

1. Textured courses are Professional Program courses
2. Summer Courses may be cancelled due to low enrollment
3. CS 391 counts for both Major and Science, Technology and Society (Synthesis) credits
4. Experience with C programming is required to begin Professional Program courses
5. 180 total credits are needed to graduate
6. Approved Applied Plans require 32 credits approved by the Curriculum Committee