

COMPUTER SCIENCE – APPLIED OPTION

FIRST YEAR

Academic Year 2018-2019

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)

Co-Req MTH 112
↓
CS 161
Intro to Comp. Sci. I
C++
F, W, S, U, E (4)

CS 161
↓
CS 162
Intro to Comp. Sci. II
C++, C
F, W, S, U, E (4)

MTH 231 & CS 162
↓
CS 261
Data Structures
C
F, W, S, U, E (4)

CS 161
↓
CS 271
Computer Arch. &
Assembly Lang.
F, W, U, E (4)

WR 121
↓
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
F, W, S, U, E (4)

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

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

↓
CS 290
Web Development
F, 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
6. Students cannot S/U major courses

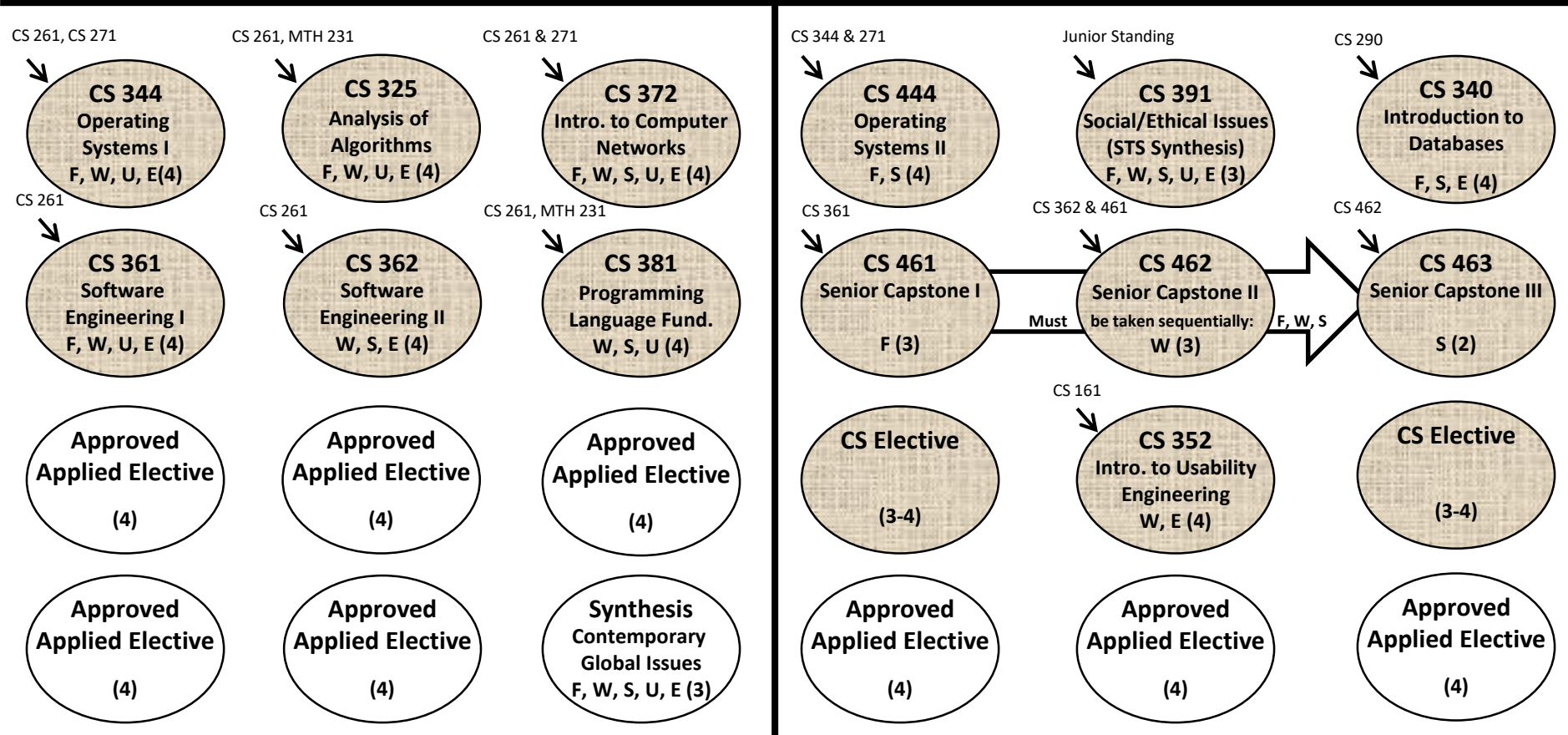
COMPUTER SCIENCE – APPLIED OPTION

THIRD YEAR

Academic Year 2018-2019

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
7. Students cannot S/U major courses