BACHEL OR OF SCIENCE, COMPUTER SCIENCE REQUIREMENTS (120 HOURS)

Students may apply for certification into the Bachelor of Science in Computer Science degree program after completion of CPT S 121, 122, 223; MATH 171, 172, 216; PHIL 201; PHYSICS 201. No courses listed in this schedule of study may be taken on a pass/fail basis. All listed EE and CPT S courses, required electives, and prerequisites to these courses must be completed with a grade of C or better.

First Year

First Term	Hours
CPT S 121	4
ENGLISH 101 [WRTG]	3
MATH 171 [QUAN]	4
PHIL 201	3

Second Term	Hours
CPT S 122	4
HISTORY 105 [ROOT]	3
MATH 172	4
MATH 216	3

Second Year

First Term	Hours
CPT S 223	3
CPT S 260	3
PHYSICS 201 [PSCI]	4
MATH 220	2
+ MATH 273 or 301	*2 or 3*
~~Social Sciences [SSCI][1]~~	~~3~~
~~Humanities [HUM]~~	~~3~~

Second Term	Hours
+ CPT S 355	*3*
PHYSICS 202	4
+ Social Sciences [SSCI][1]	*3*
+ Humanities [HUM]	*3*
Creative & Professional Arts [ARTS]	3
Complete Writing Portfolio	
~~Biological Sciences [BSCI]~~	~~3 or 4~~
~~MATH 220~~	~~2~~
~~CPT S 224~~	~~2~~

Third Year

First Term	Hours
+ CPT S 317	*3*
CPT S 322 [M]	3
+ CPT S 360	*4*
STAT 360	3
ENGLISH 402 [WRTG]	3
~~CPT S 355~~	~~3~~
~~MATH 273 or 301~~	~~2 or 3~~

Second Term	Hours
+ CPT S 302	*3*
+ CPTS TRACK ELECTIVES[2]	*6*
+ CPT S 350 (soon to formerly be CPTS 450)	*3*
+ Diversity [DIVR]	3
~~CPT S 317~~	~~3~~
~~CPT S 323~~	~~3~~
~~CPT S 360~~	~~4~~
~~CPT S Option Courses[2]~~	~~6~~

Fourth Year

First Term	Hours
CPT S 421	3
+ CPTS TRACK ELECTIVES[2]	*6*
+ CPTS FREE ELECTIVES[3]	*6*
~~Diversity [DIVR]~~	~~3~~
~~CPT S Option Courses[2]~~	~~6~~
~~CPT S 422 [M]~~	~~3~~
~~CPT S 450~~	~~3~~

Second Term	Hours
CPT S 423, or Integrative Capstone [CAPS]	3
+ CPTS TRACK ELECTIVES[2]	*3*
+ CPTS FREE ELECTIVES[3]	*6*
+Biological Sciences with Lab [BSCI]	4
~~CPT S 460~~	~~3~~
~~CPT S Option Course[2]~~	~~3~~
~~CPT S 402~~	~~3~~
~~Electives~~	~~2~~
Complete Cpt S Exit Interview and Survey	

_____

[1]ECONS 101 or 102 recommended.

+ [2]Tracks consist of five courses (15 credits). A five-course sequence ensures there is a "substantial body" of coursework in a given track).

+ [3]Free Electives (prerequisites must also be met):
Four additional (12 credits) "free" technical electives must be taken within EECS or (outside of department if approved). Choose from 300, 400, or 500 level courses in math, science, engineering, or in another department by approval.
All 300+ level CptS and EE courses are approved as Free Electives, but must not also be used as a Track Elective.

~~[2]Fifteen credits (5 courses) of option area classes are required for completion of the degree program. The option courses are chosen from upper-level computer science related courses and must be approved by an advisor.~~