

ROADMAP TO GRADUATION FOR COMPUTER SCIENCE TRACK

Year	Fall	Winter	Spring
1	CMPS 221 + CMPS 150 GE Area A1 (speech) MATH 201	CMPS 222 GE Area A2 (English) MATH 202	CMPS 223 CMPS 295 MATH 203
2	CMPS 312 MATH 204, 205 (HTrack) GE Area A3 (logic)	CMPS 350 CMPS 224 (HTrack) MATH 330 GE (1 of 7)	CMPS 335 GE Area B1 (Biology) MATH 340
3	CMPS 320 GE (2 of 7) PHYS 221	CMPS 321 CMPS 376 PHYS 222 GE (3 of 7)	CMPS 360 GE (4 of 7) GE (5 of 7)
4	CMPS 342 GE (6 of 7) Elective	CMPS 356 GE (7 of 7) Elective	Theme II Theme III CMPS 490

HTrack - Hardware Track Students must take CMPS 224 and one of MATH 204, 205. These courses are OPTIONAL but strongly recommended for the Computer Science Track.

General Education - If you can take some General Education during the Summer at B.C., then do so (it's cheaper and it will save you time):

GE Area A	15 units
GE Area B1	5 units
GE Area B2, B3	(automatic from PHYS 221)
GE Area B4	(automatic from MATH 201)
GE Area C	15 units
GE Area D	15 units
U.S. History	(study and take exam)
Gender, Race, Ethnicity	5 units
Theme I	(automatic for compsci major)
Theme II	5 units (from PHIL 316)
Theme III	5 units
	65 units
CS Track Major	118 units
	183 units

ROADMAP TO GRADUATION FOR HARDWARE TRACK

Year	Fall	Winter	Spring
1	CMPS 221 + CMPS 150 GE Area A1 (speech) MATH 201	CMPS 222 GE Area A2 (English) MATH 202	CMPS 223 CMPS 295 MATH 203
2	CMPS 320 MATH 204 or 205 GE Area A3 (logic)	CMPS 321 CMPS 224 MATH 330	GE (1 of 7) GE Area B1 (Biology) ENGR 207
3	Elective GE (2 of 7) PHYS 221	CMPS 420 GE (3 of 7) PHYS 222	CMPS 360 GE (4 of 7) GE (5 of 7)
4	GE (6 of 7) Elective	CMPS 421 GE (7 of 7) Elective	Theme II Theme III CMPS 490

General Education - If you can take some General Education during the Summer at B.C., then do so (it's cheaper and it will save you time):

GE Area A	15 units
GE Area B1	5 units
GE Area B2, B3	(automatic from PHYS 221)
GE Area B4	(automatic from MATH 201)
GE Area C	15 units
GE Area D	15 units
U.S. History	(study and take exam)
Gender, Race, Ethnicity	5 units
Theme I	(automatic for compsci major)
Theme II	5 units (from PHIL 316)
Theme III	5 units
	65 units
CS Track Major	113 units
	178 units

ROADMAP TO GRADUATION FOR COMPUTER INFORMATION SYSTEMS (CIS) TRACK

Year	Fall	Winter	Spring
1	CMPS 221 + CMPS 150 GE Area A1 (speech) MATH 191 or higher	CMPS 222 GE Area A2 (English) MATH 140	CMPS 223 CMPS 295 GE Area A3 (logic)
2	CMPS 312 Elect/Minor (1 of 7) GE Area B1 (Biology)	CMPS 350 Elect/Minor (2 of 7) GE Area B2, B3	CMPS 335 GE (1 of 7) GE (2 of 7)
3	CMPS 342 Elect/Minor (3 of 7) GE (3 of 7)	CMPS 356 CMPS 376 GE (4 of 7)	CMPS 360 Elect/Minor (4 of 7) GE (5 of 7)
4	GE (6 of 7) Elect/Minor (5 of 7) GE (7 of 7)	Theme II Elect/Minor (6 of 7) CMPS 435, 442 or 465	Theme III Elect/Minor (7 of 7) CMPS 490

Elect/Minor - 35 total Elective units are required of which 20 units can apply from ANY CSUB Minor.

General Education - If you can take some General Education during the Summer at B.C., then do so (it's cheaper and it will save you time):

GE Area A	15 units
GE Area B1	5 units
GE Area B2, B3	5 units
GE Area B4	(automatic from MATH 140)
GE Area C	15 units
GE Area D	15 units
U.S. History	(study and take exam)
Gender, Race, Ethnicity	5 units
Theme I	(automatic for compsci major)
Theme II	5 units (from PHIL 316)
Theme III	5 units
	70 units
CS Track Major	111 units
	181 units