B.Sc. **Three-year** *Computer Science* (Dual degree: **CME**)

C1. Science Requirement (15cu)

CMPT 141 (or 111 or 116)	Intro to Computer Science	2
CMPT 145 (or 115 or 117)	Principles of Computer Science	2
	PHYS 125 or CHEM 115 or GEOL 121 or BIOL 120	1
PHYS 155		1
CHEM 114		1

C2. Humanities Writing Requirement (6cu)

		A
		A

C3. Social Science Requirement (6cu)

	See Note below.	1
		A

C5. General Requirement (6cu)

	See Note below.	4
	Senior level (200 or higher)	4

No more than 6 credit units in C2, C3, or C5 from any one subject.
See the College Website for a full list of courses that meet requirements C2, C3, C5:
http://www.usask.ca/programs/colleges-schools/arts-science/computer-science/index.php

Note: The CME program requires a 1st year Humanities or Social Science, a 3rd year Compl Studies, and a senior Humanities or Social Science in 4th year. If at least 3 cu are Social Sciences and all of them are Arts and Science courses (not COMM, not RCM) then these can be used in the slots indicated in requirements C3 and C5.

C4. Mathematics Requirement (3cu)

MATH 110 or 123	Calculus	1

C7. Cognate Mathematics Requirement (6cu)

EE 216 or ME 251	*Introductory Statistics*	2
MATH 124	*Required Cognate*	1

C6. Majors Requirement (24cu)

CMPT 214	Programming Principles	3
CME 331 or CMPT 215	Computer Organization	4/3
CMPT 260	Math. Logic and Computing	4A
CMPT 270	Object Oriented Systems	4A
CMPT 280	Intermediate Data Structures	4A
CMPT		5A
CMPT	*9cu from Senior CMPT list*	A
CMPT		3/4/5

Senior CMPT List: *300- or 400-level CMPT courses, BINF 300, or at most 1 from: CME 332, 341, 342, 433, 435, 451, 462.*

C7. Electives Requirement (24cu)

EP 214		2
COMM 102		1
EE 221		2
MATH 223		2
MATH 224		2
EE 232		2
	Arts&Science only; can be CMPT	5A
		5A

Note: This program assumes that the student is not completing the Computer Software stream.

Engineering students may reuse courses from their Engineering program, as indicated; not all Engineering courses transfer.

A minimum of 30cu of A&S courses must be taken that are not used towards their Engineering degree. These requirements marked with "A" in right column.

Required courses taken in Year 1 (Common) and Year 2 (EE) are marked "1" or "2" in right column.

To complete this degree alongside the 4-year EE program, a minimum 5 years total will be required for both. Students are encouraged to start 200-level CMPT courses in 3rd/4th year.