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

C1. Science Requirement (15cu)

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

C2. Humanities Writing Requirement (6cu)

		4A
		4A

C3. Social Science Requirement (6cu)

		1
		5A

C5. General Requirement (6cu)

	Senior level (200 or higher)	4
		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

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

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
PHYS 252		2
PHYS 223		2
PHYS 356		3

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.