

B.Sc. Three-year Computer Science

C1. Science Requirement (15cu)

CMPT 141 (or 116)	Intro to Computer Science	1
CMPT 145	Principles of Computer Science	1
	<i>Select additional 9cu from Science Areas below; no more than 6cu from any one area.</i>	

Science Areas: Biology: BIOL 120, 121; **Chemistry:** CHEM 112, 115, 250;

Earth Sciences: GEOG 120, GEOL 121, 122;

Physics&Astronomy : ASTR 113; PHYS 115, 117 or 125.

C2. Humanities Writing Requirement (6cu)

		1
		1

C3. Social Science Requirement (6cu)

C5. General Requirement (6cu)

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:

<https://programs.usask.ca/arts-and-science/computer-science/index.php>

C4. Mathematics Requirement (3cu)

MATH 110	Calculus I	1
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C7. Cognate Mathematics Requirement (6cu)

STAT 242 or 245	Introductory Statistics*	2
	<i>Select one course from Cognate List</i>	2

Statistics Note: Engineering students may use EE 216 or ME 251.

Cognate List: MATH 164 (formerly MATH 264) or MATH 266 or MATH 124

C6. Majors Requirement (24cu)

CMPT 214	Programming Principles	2
CMPT 215 (or CME 331)	Computer Organization	2
CMPT 260	Math. Logic and Computing	2
CMPT 270	Object Oriented Systems	2
CMPT 280	Intermediate Data Structures	2
CMPT	<i>9cu from: 300- or 400-level CMPT courses, BINF 300, or at most 1 of: CME 332, 341, 342, 433, 435, 451</i>	3
CMPT		3
CMPT		3

C7. Electives Requirement (24cu)

	<i>Courses to complete the requirements for 90cu Three-year program, of which at least 42 must be at the 200-level or higher.</i>	

Note: PHIL 232 is highly recommended