B.Sc. Honours Applied Computing (Interactive Systems Design)

Students are reminded that admission to honours is by application to the College, after completing 30 credit units at USaskatchewan with a 70% CWA overall and in CMPT courses. Admission to CMPT407 will be refused to students who are not admitted to honours.

C1. College Requirement (15cu)

	6cu from **English Language Writing**		
	Indigenous Learning		
MATH 163	Mathematical Reasoning	**Quantitative Reasoning**	Y1
MATH 164	Linear Algebra		Y1

C2. Breadth Requirement (6cu)

	6cu from **Fine Arts**, **Humanities**, **Social Science**, or **Interdisciplinary Studies**	

Refer to the programme description for the full list of courses that fulfill C1 and C2 requirements

C3. Cognate Requirement (12cu)

	9 cu from **Junior***	
PHIL 232	Ethics … in Computer Science	Y2/3/4

Junior: **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.

No more than 6 credit units from one subject may be used in C1, C2, and C3 Junior.

C5. Electives Requirement (12cu)

	Courses to complete the requirements for 120cu Honours program, of which at least 66 must be at the 200-level or higher.	
	Pre-requisites for chosen majors courses fit here	

C4. Majors Requirement (75cu)

ARTH 120	Art and Visual Culture I	Y1
ARTH 121	Art and Visual Culture II	Y1
ART 1___	3 credits ART numbered 111 or above	Y1
CMPT 141	Computing in the Biological Sciences	Y1
CMPT 145	Introduction to Computer Science	Y1
PSY 120	Biological … Bases of Psychology	Y1
PSY 121	Social, … Bases of Psychology	Y1
ARTH 250 or ARTH 251	Intro. to Visual Culture or Art of the Internet	Y2
CMPT 260	Mathematical Logic and Computing	Y2
CMPT 270	Developing Object-Oriented Systems	Y2
CMPT 280	Intermediate Data Structures	Y2
CMPT 281	Website Design and Development	Y2
PSY 2__		Y2/3/4
PSY 2__	9 credits from PSY 213, 214, 216, 226 PSY 252, 253, 255, 256	Y2/3/4
PSY 2__		Y2/3/4
STAT 245	Introduction to Statistical Methods	Y2/3
CMPT 370	Intermediate Software Engineering	Y3
CMPT 381	Implementation of Graphical User Interfaces	Y3
CMPT 3__	One of CMPT 306, 318, 353, 360, 371, 384	Y3/4
CMPT ___	6 credits from List 1 — can be from different foci	Y3/4
CMPT ___		Y3/4
CMPT 407	Honours Thesis (Res. Topics in Applied Computing)	Y4
CMPT 481	Human Computer Interaction	Y4
	6 credits from INTS 111, ART 231, 235, 236, 237, 331	Y3/4
		Y3/4

List 1: **Game Design:** CMPT 306 (if not used elsewhere), CMPT 406
 Information Visualization: CMPT 384, CMPT 484