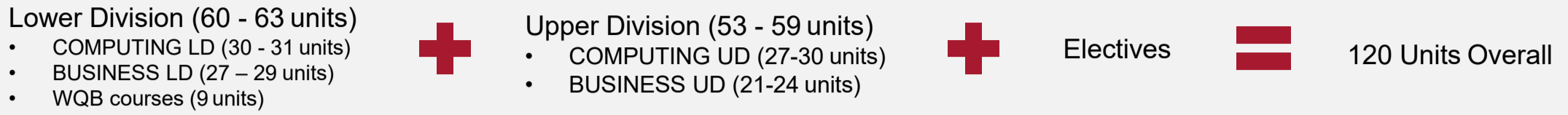


**JOINT MAJOR IN INFORMATION SYSTEMS IN BUSINESS ADMINISTRATION AND COMPUTING SCIENCE:  
FALL 2023 GRADUATION PLANNER**

Name: \_\_\_\_\_ Student ID: \_\_\_\_\_ Date: \_\_\_\_\_

**PROGRAM REQUIREMENT OVERVIEW:**



**LOWER DIVISION REQUIREMENTS (100/200) – 52 units**

ALL OF				
<input type="checkbox"/> CMPT 120 *	<input type="checkbox"/> BUS 232 or ECON 233 or STAT 270	<input type="checkbox"/> ECON 103 or ECON 113	<input type="checkbox"/> MATH 152 or 158	ONE OF ^
<input type="checkbox"/> CMPT 125 *	<input type="checkbox"/> BUS 217W	<input type="checkbox"/> ECON 105 or ECON 115	<input type="checkbox"/> MATH 232 or 240	
<input type="checkbox"/> CMPT 225	<input type="checkbox"/> BUS 251	<input type="checkbox"/> MACM 101 (B-SCI)	<input type="checkbox"/> B-Hum	
<input type="checkbox"/> CMPT 276	<input type="checkbox"/> BUS 254	<input type="checkbox"/> MACM 201	<input type="checkbox"/> B-Hum	
<input type="checkbox"/> CMPT 295	<input type="checkbox"/> BUS 272	<input type="checkbox"/> MATH 150 or 151 or 157		

\* CMPT 130 and CMPT 135 can be used in place of CMPT 120 and CMPT 125  
^ Any one of these courses may be replaced by any three unspecified transfer units in English or in ENGL-Writing at the 100-or 200-level

**UPPER DIVISION REQUIREMENTS (300/400) – 53-59 units:**

ALL OF					
<input type="checkbox"/> CMPT 300	<input type="checkbox"/> CMPT 354	<input type="checkbox"/> BUS 343	<input type="checkbox"/> BUS 468	<input type="checkbox"/> BUS 374 or BUS 381	<input type="checkbox"/> CMPT376W OR BUS 360W
<input type="checkbox"/> CMPT 307	<input type="checkbox"/> BUS 312	<input type="checkbox"/> BUS 361	<input type="checkbox"/> BUS 478	<input type="checkbox"/> BUS 466 or CMPT 371	

CS REQUIREMENTS
<input type="checkbox"/> CMPT 3XX OR 4XX
<input type="checkbox"/> CMPT 3XX OR 4XX
<input type="checkbox"/> CMPT 3XX OR 4XX
<input type="checkbox"/> CMPT 3XX OR 4XX
<input type="checkbox"/> CMPT 4XX
<input type="checkbox"/> MACM 316 †
<input type="checkbox"/> Course from Table I or III †
CO-OP EDUCATION
<input type="checkbox"/> CMPT 426
<input type="checkbox"/> CMPT 427
<input type="checkbox"/> CMPT 428
<input type="checkbox"/> CMPT 429
<input type="checkbox"/> CMPT 430

TABLE I: COMPUTING SCIENCE CONCENTRATIONS					
Artificial Intelligence	Visual and Interactive Computing	Computing Systems	Information Systems	Programming Languages & Software	Theoretical Computing Science
<input type="checkbox"/> CMPT 310	<input type="checkbox"/> CMPT 361	<input type="checkbox"/> CMPT 300	<input type="checkbox"/> CMPT 353	<input type="checkbox"/> CMPT 373	<input type="checkbox"/> CMPT 307
<input type="checkbox"/> CMPT 340	<input type="checkbox"/> CMPT 363	<input type="checkbox"/> CMPT 305	<input type="checkbox"/> CMPT 354	<input type="checkbox"/> CMPT 383	<input type="checkbox"/> CMPT 308
<input type="checkbox"/> CMPT 410	<input type="checkbox"/> CMPT 365	<input type="checkbox"/> CMPT 371	<input type="checkbox"/> CMPT 362	<input type="checkbox"/> CMPT 384	<input type="checkbox"/> CMPT 404
<input type="checkbox"/> CMPT 411	<input type="checkbox"/> CMPT 412	<input type="checkbox"/> CMPT 379	<input type="checkbox"/> CMPT 372	<input type="checkbox"/> CMPT 473	<input type="checkbox"/> CMPT 405
<input type="checkbox"/> CMPT 413	<input type="checkbox"/> CMPT 461	<input type="checkbox"/> CMPT 403	<input type="checkbox"/> CMPT 441	<input type="checkbox"/> CMPT 475	<input type="checkbox"/> CMPT 406
<input type="checkbox"/> CMPT 417	<input type="checkbox"/> CMPT 464	<input type="checkbox"/> CMPT 431	<input type="checkbox"/> CMPT 454	<input type="checkbox"/> CMPT 477	<input type="checkbox"/> CMPT 407
<input type="checkbox"/> CMPT 419	<input type="checkbox"/> CMPT 466	<input type="checkbox"/> CMPT 433	<input type="checkbox"/> CMPT 456	<input type="checkbox"/> CMPT 489	<input type="checkbox"/> CMPT 409
<input type="checkbox"/> CMPT 420	<input type="checkbox"/> CMPT 467	<input type="checkbox"/> CMPT 450	<input type="checkbox"/> CMPT 459		<input type="checkbox"/> CMPT 476
	<input type="checkbox"/> CMPT 469	<input type="checkbox"/> CMPT 471	<input type="checkbox"/> CMPT 474		<input type="checkbox"/> MACM 300
		<input type="checkbox"/> CMPT 479			
		<input type="checkbox"/> CMPT 499			

TABLE III: COMPUTING MATHEMATICS					
<input type="checkbox"/> MACM 316	<input type="checkbox"/> MACM 401	<input type="checkbox"/> MATH 308	<input type="checkbox"/> MATH 340	<input type="checkbox"/> MATH 343	<input type="checkbox"/> MACM 442

† To be eligible for a bachelor of science degree, offered by the Faculty of Applied Sciences

**Summary of requirements:**

Requirement	Complete	In Progress	Total	Remaining
<b>Total Units (Minimum 120)</b>				
<b>Upper Division Units (45)</b>				