Student Name: _____   ID#: _____

Advisor Name: _____   Anticipated Graduation Date: _____

COMPUTING SCIENCE MAJOR CHECKLIST (122 s.h.)
2023-24 Academic Calendar

THIS CHECKLIST IS INTENDED TO ASSIST STUDENTS AND ADVISORS IN ENSURING THAT ALL REQUIREMENTS ARE MET. IT IS THE RESPONSIBILITY OF THE **STUDENT** TO ENSURE THAT ALL REQUIREMENTS FOR THE GRANTING OF A DEGREE HAVE BEEN MET.

1. Inquiry: Ways of Knowing - Core Requirements (43 s.h.*)

*University Core Requirements are modified for students who transfer in with 57 s.h. or more of initial transfer credit. See Academic Calendar for details (twu.ca/calendar).

✓	COURSE	S.H.	NOTES	✓	COURSE	S.H.	NOTES
FOUNDATIONAL INQUIRIES (28 sem. hrs.)				☐	Academic Writing Requirement [2]		
Academic Research & Writing				**WAYS OF KNOWING (15 sem. hrs.)**			
☐	ENGL _____	3	Choose 2 courses (6 sem. hrs.) from ENGL 101, 102, 103, 104.	In addition to the courses on the left, students must take an additional 18 sem. hrs., selecting 3 sem. hrs. from each of the following six categories. *At least 9 sem. hrs. must be from outside of the student's major.*			
☐	ENGL _____	3					
Foundations				***Aesthetic & Performance Inquiry***			
☐	FNDN 101	1	Compulsory during the first semester of the first year.[1]	☐	_____	3	Choose 3 sem. hrs. from the Aesthetic & Performance Inquiry category below.
☐	FNDN 102	3	Normally taken before year 3.	***Cultural & Linguistic Inquiry***			
☐	FNDN 201	3		☐	_____	3	Choose 3 sem. hrs. from the Cultural & Linguistic Inquiry category below.
Logical & Ethical Reasoning				***Experiential & Embodied Inquiry***			
☐	PHIL _____	3	Choose one of PHIL 100, 103, 105, 106, 109, or 210.	☐	_____	3	Choose 3 sem. hrs. from the Experiential & Embodied Inquiry category below.
Religious & Spiritual Thought				***Historical & Archival Inquiry***			
☐	RELS 110	3	Compulsory during the first semester of the first year.	☐	_____	3	Choose 3 sem. hrs. from the Historical & Archival Inquiry category below.
☐	RELS 111	3		***Quantitative & Computational Inquiry***			
☐	RELS 112	3		**	**	**	Satisfied by Program Requirements.
Scientific Method & Lab Research				***Social & Global Inquiry***			
☐	_____	3	Choose one of BIOL 103, 104, 113/198, 114/199, 216, 241, 262; CHEM 101, 103/198, 111/198; GENV 109, 121, 262; GEOL 109; PHYS 111.	☐	_____	3	Choose 3 sem. hrs. from the Social & Global Inquiry category below.

[1]FNDN 101 is compulsory during the first semester of the first year for all new students unless they have a minimum 24 sem. hrs. initial transfer credit.
[2]**Academic Writing Requirement**: students must take WRTG 100 (native English speakers) or WRTG 101 (non-native English speakers) in their first semester at TWU, unless exempt at the time of admission to the University. WRTG course credit may be included toward a degree program as elective credit.

Aesthetic & Performance Inquiry
Choose 3 semester hours from: ART 181, 182, 250; ENGL 207, 208, 310; HKIN 342; MCOM 211, 221, 231, 369; MUSI 110; PHIL 370; SAMC 111, 370; THTR 130, 161; any Music Ensembles; any Music Lessons.
Cultural & Linguistic Inquiry
Choose 3 semester hours from: ANTH 210, 395; EDUC 496; ENGL 334, 340, 482; GREE 235; HEBR 245; HIST 237; IDIS 201; POLS 237; RELS 235, 245; SOCI 395; any World Languages & Cultures course (CHIN, FREN, JAPA, RUSS, SPAN).
Experiential & Embodied Inquiry
Choose 3 semester hours from: ART 305, 306, 307; BIOL 316, 318, 362, 364, 409, 410; BIOT 200, 300, 400, 409, 410; BUSI 395, 396, 49x; CHEM 409, 410; CMPT 409, 410; EDUC 302, 303, 402, 403; GENV 131, 316, 318, 372, 373, 374, 375, 409, 410; HIST 310, 315, 316; HKIN 201, 202, 216, 235, 266, 336, 355, 455, 456, 457, 458, 459, 460; LING 398, 399; MATH 409, 410; MCOM 281, 391, 392, 393; NURS 213; POLS 395, 396; PSYC 322, 497, 498; SOCI 320, 411, 420; THTR 101, 102, 151, 152, 153, 154, 175, 210, 301, 302, 351, 352, 353, 354; any 1 sem. hr. HKIN Activity course; any Travel Study.
Historical & Archival Inquiry
Choose 3 semester hours from: ART 237, 238; ECON 306; GENV 312; HIST 107, 108, 135, 306, 339, 391; MUSI 131, 132; NURS 230; PHIL 203, 314, 421; POLS 391; PSYC 408; RELS 320, 351, 352, 475; SAMC 112; SOCI 391; THTR 331, 332.
Social & Global Inquiry
Choose 3 semester hours from: ANTH 101, 302; BUSI 311; ECON 311, 354; EDUC 345, 365; ENGL 348; GENV 111, 212, 322, 354; LING 101, 210, 302; MCOM 111, 171, 251, 313, 315, 317, 372, 491; NURS 227; PHIL 208, 220, 310, 320; POLS 101, 211, 310, 312, 320, 493; PSYC 399; RELS 271, 272, 285, 381, 384, 386, 476; SOCI 101; THTR 348.

Approved March 2023

2. Required Computing Science Courses (42 s.h.*)

*24 s.h. must be upper-level credit.

✓	COURSE	S.H.	NOTES	✓	COURSE	S.H.	NOTES
☐	CMPT 140	3		☐	CMPT _____	3	
☐	CMPT 150	3		☐	CMPT _____	3	
☐	CMPT 166	3		☐	CMPT _____	3	CMPT elective 300 or above.
☐	CMPT _____	3	Choose two from: CMPT 211, 242, 337, 385.	☐	CMPT _____	3	
☐	CMPT _____	3		☐	CMPT _____	3	
☐	CMPT 231	3		☐	CMPT _____	3	
☐	CMPT _____	3	CMPT elective 300 or above.				
☐	CMPT _____	3					

NOTE: CMPT courses numbered below 130 do not count towards a mathematics, or computing science major, concentration, or minor.

3. Ancillary Requirements (9 s.h.)

| ✓	COURSE	S.H.	NOTES	✓	COURSE	S.H.	NOTES
☐	MATH 123	3		☐	NATS 483	3	
☐	MATH 124	3					

4. Elective Courses (28 s.h.)

STUDENTS ARE ENCOURAGED, BUT NOT REQUIRED, TO TAKE ELECTIVE CLASSES THAT CONTRIBUTE TO A CONCENTRATION OR A MINOR. IF YOU CHOOSE TO TAKE A CONCENTRATION OR A MINOR, PLEASE ATTACH THE APPROPRIATE CONCENTRATION/MINOR CHECKLIST AVAILABLE AT twu.ca/advising.

✓	SUBJECT	COURSE#	S.H.	NOTES	✓	SUBJECT	COURSE#	S.H.	NOTES
☐					☐				
☐					☐				
☐					☐				
☐					☐				
☐					☐				

NOTE: MATH 250 recommended.

> **NOTE**: A total of 122 s.h. of credit, including a minimum of 42 s.h. (24 s.h. in the major) of upper-level credit is required for graduation. A minimum overall (cumulative) GPA of 2.00 is required for graduation.

> **NOTE**: In order to be eligible for graduation you must complete an Application for Graduation via the Student Portal and submit a completed checklist to the Office of the Registrar by April 30 of the year prior to your completion (there is no fee to apply for graduation). Once your complete application has been received, a degree audit will be completed for you. This audit will confirm which courses are still outstanding in order for you to complete your degree.

YEAR 1

✓	s.h.	Fall
	1	FNDN 101
	3	RELS 110
	3	ENGL 103
	3	CMPT 140
	3	CMPT 150
	3	MATH 123
		Semester Total: 16

YEAR 2

✓	s.h.	Fall
	3	FNDN 201
	3	PHYS 111
	3	CMPT 231
	3	MATH 250[2]
	3	Elective
		Semester Total: 15

YEAR 3

✓	s.h.	Fall
	3	Core[1]
	3	Core[1]
	3	CMPT 325
	3	CMPT 339
	3	Elective
		Semester Total: 15

YEAR 4

✓	s.h.	Fall
	3	RELS 112
	3	Core[1]
	3	CMPT 385
	3	NATS 483
	3	Elective
		Semester Total: 15

YEAR 1

✓	s.h.	Spring
	3	FNDN 102
	3	ENGL 104
	3	Core[1]
	3	CMPT 166
	3	MATH 124
		Semester Total: 15

YEAR 2

✓	s.h.	Spring
	3	RELS 111
	3	MCOM 231
	3	CMPT 211
	3	CMPT 360
	3	Elective
		Semester Total: 15

YEAR 3

✓	s.h.	Spring
	3	PHIL 105
	3	CMPT 242
	3	CMPT 334
	3	CMPT 370
	3	CMPT 382
		Semester Total: 15

YEAR 4

✓	s.h.	Spring
	3	CMPT 380
	3	Elective
	3	Elective
	3	Elective
	3	Elective
	1	Elective
		Semester Total: 16

COURSE LEGEND

Core Courses

1. Core electives should be chosen as follows:
   - ONE Cultural & Linguistic Inquiry
   - ONE Experiential & Embodied Inquiry
   - ONE Historical & Archival Inquiry
   - ONE Social & Global Inquiry

Major Courses

Major + Core Courses

Ancillary Courses

Ancillary + Core Courses

Electives

2. Recommended elective.

Summer Sessions are encouraged to reduce semester load and/or repeat courses.

This is an example of what a 4-year degree plan might look like. It is not the official program checklist. In the case of any discrepancy between this program plan and the checklist, the checklist shall prevail. It is the student's responsibility to ensure they complete all program requirements as laid out in the approved checklist.