Student Name:	ID #
Advisor Name:	Anticipated Graduation Date:

MATHEMATICS: DATA SCIENCE STREAM CHECKLIST (122 s.h.) 2024-25 Academic Calendar

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 <u>Academic Calendar</u> for details.											
✓	COURSE	S.H.	NOTES	✓	COURSE	S.H.	NOTES				
FOI	JNDATIONAL	INQUI	RIES (28 sem. hrs.)	Academic Writing Requirement ¹							
Aca	demic Research	h & Wi	riting	WAYS OF KNOWING (15 sem. hrs.)							
	ENGL	3	Cl	In addition to the courses on the left, students must take an additional 15 sem. hrs. from							
	ENGL	3	Choose two of ENGL 101, 102, 103, 104.	each of the following categories, 9 s.h. of which must be from outside of the student's major.							
Fou	ndations			Aes	thetic & Perform	ance In	quiry				
	FNDN 101	1	Compulsory during the first semester of the first year for all new students unless they have a minimum 24 sem. hrs. initial transfer credit.			3	Choose 3 sem. hrs. from the Aesthetic & Performance Inquiry category on page two.				
	FNDN 102	3	Normally taken before year three.	Cul	Cultural & Linguistic Inquiry						
	FNDN 201	3				3	Choose 3 sem. hrs. from the Cultural & Linguistic Inquiry category on page two.				
Log	ical & Ethical Re	easonii	ng	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 on page two.				
Reli	igious & Spiritua	al Thou	ght	Historical & Archival Inquiry							
	RELS	3	Choose RELS 110 or 160. Recommended in 1st semester of the 1st year.			3	Choose 3 sem. hrs. from the Historical & Archival Inquiry category on page two.				
	RELS 111	3		Qua	Quantitative & Computational Inquiry						
	RELS 112	3			**	**	Satisfied by MATH 123.				
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 on page two.				

NOTES:

- 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 to complete this degree. Students must have a minimum overall (cumulative) GPA of 2.0 to graduate.
- You must complete an <u>Application for Graduation</u> via the Student Portal and <u>submit a copy of your filled in program checklist(s)</u> (i.e. this document) to the Office of the Registrar by April 30 of the year prior to your completion. For more information on the graduation process, please visit twu.ca/graduation.

This program is offered under TWU's exempt status with the Degree Quality Assessment Board.

exempt at the time of admission to the University. WRTG course credit may be included toward a degree program as elective credit.

THIS CHECKLIST IS INTENDED TO ASSIST STUDENTS AND ADVISORS IN ENSURING THAT ALL REQUIREMENTS ARE MET. IT IS THE RESPONSIBILITY OF THE STUDENT TO MEET ALL REQUIREMENTS.

	Vays of Knowi												
	sthetic & Performance juiry	•	ART 181, 182, 250; ENGL 207, 208, 310; HKII any Music Ensembles; any Music (MUSA) Privat		OM 211, 221, 231, 3	369; MUSI 1	10; PHIL 370; SAMC 111, 370; THTR 130, 161;						
Cul	ltural & Linguistic Inqu	uiry	ANTH 210, 395; EDUC 496; ENGL 334, 340, World Languages & Cultures course (CHIN, FR	•		IST 237; IDI:	S 201; POLS 237; RELS 235, 245; SOCI 395; a						
	periential & Embodied Julity	l	ART 305, 306, 307; BIOL 316, 318, 362, 364, 409, 410; EDUC 302, 303, 402, 403; GENV 235, 266, 336, 355, 455, 456, 457, 458, 459 395, 396; PSYC 322, 497, 498; SOCI 320, 41 sem. hr. HKIN Activity course; any Travel Study	131, 316, 3 P, 460; LING I1, 420; TH	18, 372, 373, 374, 3 G 398, 399; MATH	375, 409, 4 ⁻ 409, 410; N	10; HIST 310, 315, 316; HKIN 201, 202, 216, ACOM 281, 391, 392, 393; NURS 213; POLS						
His	storical & Archival Inq	uiry	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.										
Soc	cial & Global Inquiry		ANTH 101, 302; BUSI 311; ECON 311, 354; EI 171, 251, 313, 315, 317, 372, 491; NURS 227; 285, 381, 384, 386, 476; SOCI 101; THTR 348	PHIL 208,		-							
2.	. Mathematic	s Red	quirements (27 s.h.)										
/	COURSE	S.H.	NOTES	✓	COURSE	S.H.	NOTES						
	MATH 123	3			MATH	3							
	MATH 124	3			MATH	3	12 s.h. of MATH electives 300-level or above.						
	MATH 150	3			MATH	3	12 s.n. of MATH electives 300-level of above.						
	MATH 223	3			MATH	3							
	MATH 250	3											
3.	. Data Sciend	ce Re	quirements (18 s.h.)										
/	COURSE	S.H.	NOTES	✓	COURSE	S.H.	NOTES						
	CMPT 339	3			MATH 381	3							
	CMPT 382	3			STAT 203	3							
	MATH 333	3			STAT 310	3							
4.	. Ancillary R	equir	ements (12 s.h.)										
/	COURSE	S.H.	NOTES	✓	COURSE	S.H.	NOTES						
	CMPT 140	3			CMPT 231	3							
	CMPT 166	3			NATS 484	3							
5.	. Elective Co	urses	: (22 s.h.)										
			required, to take elective classes that contribute to	o a concent	ration or a minor. If	you choose	to take a concentration or a minor, please attac						
			nor checklist available at twu.ca/advising.			1							
/	COURSE	S.H.	NOTES	✓	COURSE	S.H.	NOTES						

		YEAR 1			YEAR 2			YEAR 3			YEAR 4
✓	s.h.	Fall	✓	s.h.	Fall	✓	s.h.	Fall	✓	s.h.	Fall
	1	FNDN 101		3	FNDN 201		3	RELS 112		3	Core ²
	3	RELS 110 or 160		3	PHIL ³		3	Core ²		3	MATH 381
	3	ENGL ¹		3	MATH 223		3	Core ²		3	NATS 484
	3	MATH 123		3	MATH 250		3	STAT 310		3	Elective
	3	MATH 150		3	CMPT 231		3	CMPT 339		3	Elective
	3	CMPT 140									
;	Semeste	er Total: 16	Se	emeste	er Total: 15	5	Semeste	er Total: 15	S	emeste	er Total: 15
		YEAR 1			YEAR 2			YEAR 3			YEAR 4
✓	s.h.	Spring	✓	s.h.	Spring	✓	s.h.	Spring	✓	s.h.	Spring
	3	FNDN 102		3	RELS 111		3	Core ²		3	Core ²
	3	ENGL ¹		3	Core ²		3	MATH⁴		3	MATH⁴
	3	MATH 124		3	MATH⁴		3	MATH 333		3	Elective
	3	STAT 203		3	MATH⁴		3	CMPT 382		3	Elective
	3	CMPT 166		3	Elective		3	Elective		3	Elective
										1	Elective
;	Semeste	er Total: 15	Se	emeste	er Total: 15	Ş	Semeste	er Total: 15	S	emeste	er Total: 16

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.