

Student Name: _____

ID#: _____

Advisor Name: _____

Anticipated Graduation Date: _____

MATHEMATICS MAJOR PROGRAM CHECKLIST (122 s.h.) 2023-2024 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.)			<input type="checkbox"/>	Academic Writing Requirement ²		
	Academic Research & Writing				WAYS OF KNOWING (15 sem. hrs.)		
<input type="checkbox"/>	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.			
<input type="checkbox"/>	ENGL _____	3					
	Foundations				Aesthetic & Performance Inquiry		
<input type="checkbox"/>	FNDN 101	1	Compulsory during the first semester of the first year. ¹	<input type="checkbox"/>	_____	3	Choose 3 sem. hrs. from the Aesthetic & Performance Inquiry category below.
<input type="checkbox"/>	FNDN 102	3	Normally taken before year 3.		Cultural & Linguistic Inquiry		
<input type="checkbox"/>	FNDN 201	3		<input type="checkbox"/>	_____	3	Choose 3 sem. hrs. from the Cultural & Linguistic Inquiry category below.
	Logical & Ethical Reasoning				Experiential & Embodied Inquiry		
<input type="checkbox"/>	PHIL _____	3	Choose one of PHIL 100, 103, 105, 106, 109, or 210.	<input type="checkbox"/>	_____	3	Choose 3 sem. hrs. from the Experiential & Embodied Inquiry category below.
	Religious & Spiritual Thought				Historical & Archival Inquiry		
<input type="checkbox"/>	RELS 110	3	Compulsory during the first semester of the first year.	<input type="checkbox"/>	_____	3	Choose 3 sem. hrs. from the Historical & Archival Inquiry category below.
<input type="checkbox"/>	RELS 111	3			Quantitative & Computational Inquiry		
<input type="checkbox"/>	RELS 112	3		**	**	**	Satisfied by Program Requirements.
	Scientific Method & Lab Research				Social & Global Inquiry		
<input type="checkbox"/>	_____	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.	<input type="checkbox"/>	_____	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.

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

		YEAR 2
✓	s.h.	Fall
	3	FNDN 201
	3	Core ²
	3	PHIL ³
	3	MATH 223
	3	MATH 250
Semester Total: 15		

		YEAR 3
✓	s.h.	Fall
	3	RELS 112
	3	Core ²
	3	MATH ⁴
	3	NATS 484
	3	Elective
Semester Total: 15		

		YEAR 4
✓	s.h.	Fall
	3	Core ²
	3	MATH ⁴
	3	MATH ⁴
	3	Elective
	3	Elective
Semester Total: 15		

		YEAR 1
✓	s.h.	Spring
	3	FNDN 102
	3	ENGL ¹
	3	MATH 124
	3	STAT 203
	3	CMPT 166
Semester Total: 15		

		YEAR 2
✓	s.h.	Spring
	3	RELS 111
	3	Core ²
	3 - 4	MATH 313 or 323
	3	MATH ⁴
	3	Elective
Semester Total: 15 - 16		

		YEAR 3
✓	s.h.	Spring
	3	Core ²
	3	Core ²
	3 - 4	MATH 311 or 321
	3	MATH ⁴
	3	Elective
Semester Total: 15 - 16		

		YEAR 4
✓	s.h.	Spring
	3	MATH ⁴
	3	Elective
	3	Elective
	3	Elective
	3	Elective
	1	Elective
Semester Total: 16		

COURSE LEGEND

Core Courses

- Choose from: ENGL 101, 102, 103, 104
- Core electives should be chosen as follows:
 - ONE Scientific Method & Lab Research
 - ONE Cultural & Linguistic Inquiry
 - ONE Aesthetic & Performance Inquiry
 - ONE Experiential & Embodied Inquiry
 - ONE Historical & Archival Inquiry
 - ONE Social & Global Inquiry
- Choose from: PHIL 100, 103, 105, 106, 109, or 210.

Major Courses

- MATH electives can be chosen from: MATH 310, 320, 333, 340, 370, 381, 390, 420, 450.

Major + Core Courses

Ancillary Courses

Ancillary + Core Courses

Electives

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.