

Student Name: \_\_\_\_\_ ID # \_\_\_\_\_

Advisor Name: \_\_\_\_\_ Anticipated Graduation Date: \_\_\_\_\_

## NATURAL SCIENCES MAJOR CHECKLIST (122 s.h.)

### 2025-26 Academic Calendar

#### 1. Inquiry: Ways of Knowing – Core Requirements (46 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.*

✓	COURSE	S.H.	NOTES	✓	COURSE	S.H.	NOTES
FOUNDATIONAL INQUIRIES (28 sem. hrs.)				Academic Writing Requirement <sup>1</sup>			
Academic Research & Writing				WAYS OF KNOWING (18 sem. hrs.)			
	ENGL _____	3	Choose two of ENGL 101, 102, 103, 104.	In addition to the courses on the left, students must take an additional 18 sem. hrs. from each of the following categories, <i>9 s.h. of which must be from outside of the student's major.</i>			
	ENGL _____	3					
Foundations				Aesthetic & Performance Inquiry			
	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 <b>page two</b> .
	FNDN 102	3	Normally taken before year three.	Cultural & Linguistic Inquiry			
	FNDN 201	3				3	Choose 3 sem. hrs. from the Cultural & Linguistic Inquiry category on <b>page two</b> .
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 on <b>page two</b> .
Religious & Spiritual Thought				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 <b>page two</b> .
	RELS 111	3		Quantitative & Computational Inquiry			
	RELS 112	3				3	Choose 3 sem. hrs. from the Quantitative & Computational Inquiry category on <b>page two</b> .
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 <b>page two</b> .
<sup>1</sup> <b>Academic Writing Requirement:</b> 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.							

#### NOTES:

- Due to the flexible nature of this program, there is no specific 4-year plan. Please consult with an academic advisor in the Learning Commons to create an individualized plan.
- 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 [Application for Graduation](#) via the Student Portal and [submit a copy of your filled in program checklist\(s\)](#) (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](http://twu.ca/graduation).

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.

March 2025

## Ways of Knowing: Categories

<b>Aesthetic &amp; Performance Inquiry</b>	ART 181, 182, 230, 250, 280; 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 (MUSA) Private Lessons.
<b>Cultural &amp; Linguistic Inquiry</b>	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).
<b>Experiential &amp; Embodied Inquiry</b>	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; any CCCU Global Ed course; any Au Sable course.
<b>Historical &amp; Archival Inquiry</b>	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.
<b>Quantitative &amp; Computational Inquiry</b>	BUSI 176, 275; CHEM 104, 112; CMPT 140; DATA 100; ECON 176, 275; GENV 282, 382, 383; MATH 102, 108, 123, 150, 190, 191; PHYS 112; PSYC 207; SOCI 207; SOCS 305, 383, STAT 102, 108.
<b>Social &amp; Global Inquiry</b>	ANTH 101, 302; BUSI 311; ECON 311, 354; EDUC 345, 365; ENGL 348; GENV 111, 212, 322, 354; HKIN 325; 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.

## 2. Minors and Concentrations

Concentration in \_\_\_\_\_ (30 s.h.)

30 s.h. to form a concentration in any one of: Biology, Chemistry, Computing Science, Math, or Physics.

Please attach the appropriate Concentration checklist, available at [twu.ca/advising](http://twu.ca/advising).

Minor / Concentration in \_\_\_\_\_ (24 - 30 s.h.)

24 s.h. to form a minor in any one of: Biology, Chemistry, Computing Science, Math, or Physics (may not include an area chosen for concentration).

Please attach the appropriate Minor checklist, available at [twu.ca/advising](http://twu.ca/advising)

### 3. Ancillary Requirements (9 s.h.)

✓	COURSE	S.H.	NOTES	✓	COURSE	S.H.	NOTES
		3	6 s.h. from a third area of science, not chosen for concentration or minor above.*		NATS _____		Choose from NATS 481, 482, 483, 484.
		3		*MATH 101, 105, 108, and 190 may NOT be used to satisfy this requirement.			

#### 4. Elective Courses (13 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](http://twu.ca/advising).

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