

Student Name: _____ ID # _____

Advisor Name: _____ Anticipated Graduation Date: _____

ENVIRONMENTAL STUDIES (B.Sc.): NATURAL SYSTEMS & RESOURCES CHECKLIST (122 s.h.) 2024-25 Academic Calendar

1. Inquiry: Ways of Knowing – Core Requirements (34 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 (25 sem. hrs.)				Academic Writing Requirement ¹			
<i>Academic Research & Writing</i>				WAYS OF KNOWING (9 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 9 sem. hrs. from each of the following categories, <i>all of which must be from outside of the student's major.</i>			
	ENGL _____	3					
<i>Foundations</i>				<i>Aesthetic & Performance Inquiry</i>			
	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 below.
	FNDN 102	3	Normally taken before year three.	<i>Cultural & Linguistic Inquiry</i>			
	FNDN 201	3				3	Choose 3 sem. hrs. from the Cultural & Linguistic Inquiry category below.
<i>Logical & Ethical Reasoning</i>				<i>Experiential & Embodied Inquiry</i>			
	PHIL _____	3	Choose one of PHIL 100, 103, 105, 106, 109, or 210.		**	**	Satisfied by GENV 131.
<i>Religious & Spiritual Thought</i>				<i>Historical & Archival Inquiry</i>			
	RELS _____	3	Choose RELS 110 or 160. Compulsory during 1st semester of the 1st year.			3	Choose 3 sem. hrs. from the Historical & Archival Inquiry category below.
	RELS 111	3		<i>Quantitative & Computational Inquiry</i>			
	RELS 112	3			**	**	Satisfied by GENV 282.
<i>Scientific Method & Lab Research</i>				<i>Social & Global Inquiry</i>			
	**	**	Satisfied by GENV 121.		**	**	Satisfied by GENV 111.

¹**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.

Ways of Knowing: Categories

Aesthetic & Performance Inquiry	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 (MUSA) Private Lessons.
Cultural & Linguistic Inquiry	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).
Historical & Archival Inquiry	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.

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.

2. Environmental Studies (B.Sc.) Requirements (79 s.h.)

2.1 Environmental Studies Core Courses (31 s.h.)

✓	COURSE	S.H.	NOTES	✓	COURSE	S.H.	NOTES
	GENV/GEOL 109	3			BIOL 281	3	
	GENV 111	3			GENV 282	3	
	GENV 121	3			GENV 383	3	
	GENV 131	3			GENV 442	3	
	BIOL 113	4	Includes a one s.h. lab (BIOL 198) as a co-requisite.		GENV/BIOL 484	3	Or BIOL 471 at Au Sable.

2.2 Multidisciplinary Courses (39 s.h.)

✓	COURSE	S.H.	NOTES	✓	COURSE	S.H.	NOTES
	HIST 237	3			_____	3	Choose from BIOL 334 or GENV 321.
	CHEM _____	4	Choose CHEM 103 or 111. Includes a one s.h. lab (CHEM 198) as a co-requisite.		BIOL _____	3	Choose from BIOL 308 or 360.
	CHEM _____	4	Choose CHEM 104 or 112. Includes a one s.h. lab (CHEM 199) as a co-requisite.		GENV 322	3	
	CHEM 370	3	Or CHEM 332 at Au Sable.		GENV 341	3	
	BIOL 114	4	Includes a one s.h. lab (BIOL 199) as a co-requisite.		GENV 382	3	Or ENVST 330/362 at Au Sable.
	BIOL _____	3	Choose from BIOL 312, 314, or 315.		NATS 481	3	

2.3 Field Courses [Travel Studies] (6 s.h.)

✓	COURSE	S.H.	NOTES
		3	Choose TWO from: BIOL/GENV 316, 318, 362, 364; or two Au Sable Institute courses with approval from program chair.
		3	

2.4 Field Placement, Practicum, and Research in Environmental Studies (3 s.h.)

✓	COURSE	S.H.	NOTES
		3	Choose from: GENV 374, 375, 409/410, 412, or Special Topics (GENV 391, 392) with approval from program chair.

3. Elective Courses (9 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.

✓	COURSE	S.H.	NOTES	✓	COURSE	S.H.	NOTES

NOTES:

- A total of 122 s.h. of credit, including a minimum of 42 s.h. of upper-level credit (24 s.h. in the major) 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.

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

		YEAR 1
✓	s.h.	Fall
	1	FNDN 101
	3	RELS 110 or 160
	3	ENGL 103
	4	BIOL 113
	3	GENV 121
	1	Elective
Semester Total: 15		

		YEAR 2
✓	s.h.	Fall
	3	FNDN 201
	3	RELS 112
	3	GENV/GEOL 109
	3	GENV 111
	4	CHEM 103 or 111
Semester Total: 16		

		YEAR 3
✓	s.h.	Fall
	3	PHIL ²
	3	Core ¹
	1 - 3	GENV 374 or 409
	3	GENV 382
	3	BIOL 308 or 360
	3	Elective
Semester Total: 16 - 18		

		YEAR 4
✓	s.h.	Fall
	3	GENV 442
	3	NATS 481
	3	Elective
	3	Elective
Semester Total: 12		

		YEAR 1
✓	s.h.	Spring
	3	FNDN 102
	3	RELS 111
	3	ENGL 104
	3	GENV 131
	4	BIOL 114
Semester Total: 16		

		YEAR 2
✓	s.h.	Spring
	3	Core ¹
	3	Core ¹
	3	GENV 282
	3	BIOL/GENV 281
	4	CHEM 104 or 112
Semester Total: 16		

		YEAR 3
✓	s.h.	Spring
	3	GENV 383
	3	GENV 322
	3	GENV 341
	3	CHEM 370
	3	GENV ³
	3	GENV ³
Semester Total: 12 - 18		

		YEAR 4
✓	s.h.	Spring
	3	BIOL/GENV 484
	3	GENV 321 or BIOL 334
	2 - 3	GENV 375 or 410
	3	Elective
Semester Total: 11 - 13		

COURSE LEGEND

Core Courses

- Core electives should be chosen as follows:
 ONE Aesthetic and Performance Inquiry
 ONE Cultural & Linguistic Inquiry
 ONE Historical & Archival Inquiry

- Choose from: PHIL 105, 109, 210

Major Courses

- Choose a 300-level GENV course; Field Study/Travel courses offered in the summer term.

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.