

Student Name: _____

ID#: _____

Advisor Name: _____

Anticipated Graduation Date: _____

ENVIRONMENTAL STUDIES (BSc.) NATURAL SYSTEMS & RESOURCES (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 (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 (twu.ca/calendar).

✓	COURSE	S.H.	NOTES	✓	COURSE	S.H.	NOTES
	FOUNDATIONAL INQUIRIES (25 sem. hrs.)			<input type="checkbox"/>	Academic Writing Requirement ²		
	<i>Academic Research & Writing</i>				WAYS OF KNOWING (9 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					
	<i>Foundations</i>				<i>Aesthetic & Performance Inquiry</i>		
<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.		<i>Cultural & Linguistic Inquiry</i>		
<input type="checkbox"/>	FNDN 201	3		<input type="checkbox"/>	_____	3	Choose 3 sem. hrs. from the Cultural & Linguistic Inquiry category below.
	<i>Logical & Ethical Reasoning</i>				<i>Experiential & Embodied Inquiry</i>		
<input type="checkbox"/>	PHIL _____	3	Choose one of PHIL 100, 103, 105, 106, 109, or 210.	**	**	**	Satisfied by Program Requirements.
	<i>Religious & Spiritual Thought</i>				<i>Historical & Archival Inquiry</i>		
<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			<i>Quantitative & Computational Inquiry</i>		
<input type="checkbox"/>	RELS 112	3		**	**	**	Satisfied by Program Requirements.
	<i>Scientific Method & Lab Research</i>				<i>Social & Global Inquiry</i>		
**	**	**	Satisfied by Program Requirements.	**	**	**	Satisfied by Program Requirements.

¹FNDN 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.

²Academic 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).

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.

2. Environmental Studies (BSc) Requirements (79 s.h.)

2.1 Environmental Studies Core Courses (31 s.h.) – Choose ALL courses from this section

✓	COURSE	S.H.	NOTES	✓	COURSE	S.H.	NOTES
<input type="checkbox"/>	GENV/GEOL 109	3		<input type="checkbox"/>	BIOL 281	3	
<input type="checkbox"/>	GENV 111	3		<input type="checkbox"/>	GENV 282	3	
<input type="checkbox"/>	BIOL 113*	4		<input type="checkbox"/>	GENV 383	3	
<input type="checkbox"/>	GENV 121	3		<input type="checkbox"/>	GENV 442	3	
<input type="checkbox"/>	GENV 131	3		<input type="checkbox"/>	GENV/BIOL 484	3	Or BIOL 471 at Au Sable

*Includes a 1 semester hour lab as a co-requisite. BIOL198 is the co-requisite for BIOL 113

2.2 Multi-Disciplinary Courses (39 s.h.) – Choose ALL courses from this section

✓	COURSE	S.H.	NOTES	✓	COURSE	S.H.	NOTES
<input type="checkbox"/>	HIST 237	3		<input type="checkbox"/>	_____	3	Choose BIOL 334 or GENV 321.
<input type="checkbox"/>	CHEM ____**	4	Choose CHEM 103 or 111	<input type="checkbox"/>	BIOL _____	3	Choose BIOL 308 or 360.
<input type="checkbox"/>	CHEM ____**	4	Choose CHEM 104 or 112	<input type="checkbox"/>	GENV 322	3	
<input type="checkbox"/>	CHEM 370	3	Or CHEM 332 at Au Sable	<input type="checkbox"/>	GENV 341	3	
<input type="checkbox"/>	BIOL 114*	4		<input type="checkbox"/>	GENV 382	3	Or ENVST 330/362 at Au Sable
<input type="checkbox"/>	BIOL _____	3	Choose from: BIOL 312, 314, or 315	<input type="checkbox"/>	NATS 481	3	

*Includes a 1 semester hour lab as a co-requisite. BIOL199 is the co-requisite for BIOL 114

**Includes a 1 semester hour lab as a co-requisite. CHEM 198 is the co-requisite for CHEM 103/111, CHEM 199 the co-requisite for CHEM 104/112.

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

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

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

✓	COURSE	S.H.	NOTES
<input type="checkbox"/>		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.

✓	SUBJECT	COURSE#	S.H.	NOTES	✓	SUBJECT	COURSE#	S.H.	NOTES
<input type="checkbox"/>					<input type="checkbox"/>				
<input type="checkbox"/>					<input type="checkbox"/>				
<input type="checkbox"/>					<input type="checkbox"/>				
<input type="checkbox"/>					<input type="checkbox"/>				
<input type="checkbox"/>					<input type="checkbox"/>				
<input type="checkbox"/>					<input type="checkbox"/>				

➤ **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
	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.