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

# BIOLOGY HONOURS: ECOLOGY EMPHASIS CHECKLIST (134 s.h.)

			2024-25 Aca	adem	nic Calendar	•					
			Knowing – Core Requireme			edit. See z	Academic Calendar for details.				
✓	COURSE	S.H.	NOTES	✓	COURSE	S.H.	NOTES				
FOUNDATIONAL INQUIRIES (25 sem. hrs.)					Academic Writ	ing Requ	uirement <sup>1</sup>				
Aca	ademic Researc	h & Wr	iting	WAYS OF KNOWING (12 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 12 sem. hrs. from each of the following categories, 9 s.h. of which must be from outside of the student's major.							
Fou	ındations			<u> </u>	 thetic & Perform	nance In	oquiry				
	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.	Cul	tural & Linguisti	c Inquir	y				
	FNDN 201	3				3	Choose 3 sem. hrs. from the Cultural & Linguistic Inquiry category below.				
Log	Logical & Ethical Reasoning				Experiential & Embodied Inquiry						
	PHIL	3	Choose one of PHIL 100, 103, 105, 106, 109, or 210.		**	**	Satisfied by BIOL 409 & 410.				
Rel	igious & Spiritu	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 below.				
	RELS 111	3		Quantitative & Computational Inquiry							
	RELS 112	3			**	**	Satisfied by CHEM 112 or MATH 123.				
Sci	entific Method o	& Lab R	Research	Social & Global Inquiry							
	**	**	Satisfied by BIOL 113 or 114.			3	Choose 3 sem. hrs. from the Social & Global Inquiry category below.				
			students must take WRTG 100 (native English speak o the University. WRTG course credit may be include		· ·	-					
W	ays of Know	ing: C	Categories								
Aest	hetic & Performance	e Inquiry	ART 181, 182, 250; ENGL 207, 208, 310; HKIN any Music Ensembles; any Music (MUSA) Private			1, 369; M	USI 110; PHIL 370; SAMC 111, 370; THTR 130, 161;				
Cult	ural & Linguistic Inq	uiry	ANTH 210, 395; EDUC 496; ENGL 334, 340, 4 World Languages & Cultures course (CHIN, FRE			HIST 237	7; IDIS 201; POLS 237; RELS 235, 245; SOCI 395; any				
Histo	orical & Archival Inc	luiry	ART 237, 238; ECON 306; GENV 312; HIST 10 PSYC 408; RELS 320, 351, 352, 475; SAMC 11.				11, 132; NURS 230; PHIL 203, 314, 421; POLS 391;				
Soci	al & Global Inquiry			PHIL 20			, 212, 322, 354; LING 101, 210, 302; MCOM 111, 211, 310, 312, 320, 493; PSYC 399; RELS 271, 272,				

2.	2. Required Biology Courses (38 s.h.)									
✓	COURSE	S.H.	NOTES	✓	COURSE	S.H.	NOTES			
	BIOL 113*	4	Includes a one s.h. lab (BIOL 198) as a co-requisite.		BIOL 371	3				
	BIOL 114*	4	Includes a one s.h. lab (BIOL 199) as a co-requisite.		BIOL 372	3				
	BIOL 223	3			BIOL 384	3				
	BIOL 281	3			BIOL 386	3				
	BIOL	3	Choose: BIOL 212/312, 214/314, 315, 316, or 318.		BIOL 409	1				
	BIOL	3	Choose: BIOL 308, 360, or 345.		BIOL 410	2				
	BIOL	3	Choose: BIOL 333 or 334.	*Minir	num grade of C requ	ired to p	progress to BIOL 223.			

## 3. Required Ecology Courses (15 s.h.)

Choose six of: BIOL 308, 312, 314, 316, 318, 360, 362, 364, or 484; OR approved courses from Au Sable.

✓	COURSE	S.H.	NOTES	✓	COURSE	S.H.	NOTES
	BIOL	3			BIOL	3	
	BIOL	3			BIOL	3	
	BIOL	3			BIOL	3	

## 4. Ancillary Requirements (29 s.h.)

			<u>,                                      </u>				
✓	COURSE	S.H.	NOTES	✓	COURSE	S.H.	NOTES
	CHEM 111	4	Includes a one s.h. lab (CHEM 198) as a co-requisite.		STAT 203	3	
	CHEM 112	4	Includes a one s.h. lab (CHEM 199) as a co-requisite.		NATS 481	3	
	CHEM 221	3			PHYS 111	3	
	CHEM 222	3			PHYS 112	3	
	MATH 123	3					

## 5. Elective Courses (12 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 <a href="twu.ca/advising">twu.ca/advising</a>.

<b>✓</b>	COURSE	S.H.	NOTES	<b>*</b>	COURSE	S.H.	NOTES

Suggested electives include CHEM 370; MATH 102, 310; and Au Sable offerings.

### NOTES:

- A total of 134 s.h. of credit, including a minimum of 45 s.h. of upper-level credit (42 s.h. in the major) is required to complete this degree. Students must have a minimum overall (cumulative) GPA of 2.7 to graduate, including a GPA of 3.0 in Biology.
- 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 <u>twu.ca/graduation</u>.

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

		YEAR 1			YEAR 2			YEAR 3			YEAR 4	
✓	s.h.	Fall	<b>~</b>	s.h.	Fall	✓	s.h.	Fall	✓	s.h.	Fall	
	1	FNDN 101		3	FNDN 201		3	BIOL 371		3	BIOL <sup>2</sup>	
	3	RELS 110 or 160		3	Core <sup>1</sup>		3	BIOL 384		3	BIOL <sup>3</sup>	
	3	ENGL 103		3	BIOL 223		3	BIOL <sup>2</sup>		3	BIOL <sup>3</sup>	
	4	BIOL 113			CHEM 221		1	BIOL 409		3	NATS 48	
	4	CHEM 111			MATH 123		3	PHYS 111		3	Elective	
							3	Elective				
s	Semester Total: 15			Semester Total: 15		s	Semester Total: 16			Semester 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	Core <sup>1</sup>		3	Core <sup>1</sup>		3	Core <sup>1</sup>	
	3	RELS 111		3	Core <sup>1</sup>		3	Core <sup>1</sup>		3	Core <sup>1</sup>	
	3	ENGL 104		3	BIOL 281		3	BIOL 372		3	BIOL <sup>3</sup>	
	4	BIOL 114		3	CHEM 222		3	BIOL 386		2	BIOL 410	
		1111111		3	STAT 203		3	PHYS 112		3	Elective	
	4	CHEM 112										
	4	CHEM 112					6	Summer: BIOL <sup>4</sup>		6	Summer: BIOL <sup>4</sup>	

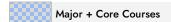
**COURSE LEGEND** 

#### **Core Courses**

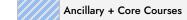
- 1. Core electives should be chosen as follows:
  - ONE Logical & Ethical Reasoning
  - ONE Aesthetic and Performance Inquiry
  - ONE Cultural & Linguistic Inquiry
  - ONE Historical & Archival Inquiry
  - ONE Social & Global Inquiry

### Major Courses

- 2. Choose any BIOL course at the 200+ level.
- 3. Choose a 300- or 400-level BIOL course
- 4. Summer courses: choose from BIOL 308, 312, 314, 316, 318, 360, 362, 364, or 484; *or* approved courses from Au Sable.







#### 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.