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

BIOTECHNOLOGY HONOURS CHECKLIST (134 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 (37 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

*U	Iniversity Core Req	uirements	s 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				
FO	UNDATIONA	L INQ	UIRIES (25 sem. hrs.)	Academic Writing Requirement ²							
Aca	ademic Reseal	rch & V	Vriting	WAYS OF KNOWING (12 sem. hrs.)							
	ENGL	3	Choose 2 courses (6 sem. hrs.) from ENGL		In addition to the courses on the left, students must take an additional 18 sem.						
	ENGL	3	101, 102, 103, 104.				n each of the following six categories. *At least 9 e of the student's major.				
Fou	ındations			Aes	sthetic & Perfo	ormanc	e Inquiry				
	FNDN 101	1	Compulsory during the first semester of the first year. ¹			3	Choose 3 sem. hrs. from the Aesthetic & Performance Inquiry category below.				
	FNDN 102	3	Normally taken before year 3.	Cul	tural & Lingui	stic Inq	uiry				
	FNDN 201	3				3	Choose 3 sem. hrs. from the Cultural & Linguistic Inquiry category below.				
Log	gical & Ethical	Reaso	ning	Experiential & Embodied Inquiry							
	PHIL	3	Choose one of PHIL 100, 103, 105, 106, 109, or 210.	**	**	**	Satisfied by Program Requirements.				
Rel	igious & Spiri	tual Th	ought	Historical & Archival Inquiry							
	RELS 110	3	Compulsory during the first semester of the first year.			3	Choose 3 sem. hrs. from the Historical & Archival Inquiry category below.				
	RELS 111	3		Qua	Quantitative & Computational Inquiry						
	RELS 112	3		**	**	**	Satisfied by Program Requirements.				
Sci	entific Method	l & Lab	Research	Social & Global Inquiry							
**	**	**	Satisfied by Program Requirements.			3	Choose 3 sem. hrs. from the Social & Global Inquiry category below.				

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.

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 & Linquistic 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.

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.

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.

ss to BIOL 223requisite. BIOL 198 is the co		BIOL 372 BIOL 384 BIOL 386 BIOL/BIOT 390 BIOL/BIOT 409 BIOL 423 BIOL 438 BIOL/BIOT 470 BIOL/BIOT 490	3 3 3 3 3	o for PIOI 111
ss to BIOL 223. -requisite. BIOL 198 is the co		BIOL 386 BIOL/BIOT 390 BIOL/BIOT 409 BIOL 423 BIOL 438 BIOL/BIOT 470 BIOL/BIOT 490	3 3 /410 3 3 3 3 3	o for PIOI 444
ss to BIOL 223. -requisite. BIOL 198 is the co		BIOL/BIOT 390 BIOL/BIOT 409 BIOL 423 BIOL 438 BIOL/BIOT 470 BIOL/BIOT 490	3 /410 3 3 3 3 3	o for PIOL 111
-requisite. BIOL 198 is the co		BIOL/BIOT 409 BIOL 423 BIOL 438 BIOL/BIOT 470 BIOL/BIOT 490	3 3 3 3 3	o for PIOL 111
-requisite. BIOL 198 is the co		BIOL 423 BIOL 438 BIOL/BIOT 470 BIOL/BIOT 490	3 3 3 3 3	o for PIOI 111
-requisite. BIOL 198 is the co		BIOL 438 BIOL/BIOT 470 BIOL/BIOT 490	3 3 3	o for PIOI 111
-requisite. BIOL 198 is the co		BIOL/BIOT 470 BIOL/BIOT 490	3 3	o for PIOI 111
-requisite. BIOL 198 is the co		BIOL/BIOT 490	3	o for PIOI 111
-requisite. BIOL 198 is the co				o for PIOI 111
-requisite. BIOL 198 is the co	o-requisite fo	or BIOL 113; BIOL	199 is the co-requisit	o for PIOL 114
-requisite. BIOL 198 is the co	-requisite fo	or BIOL 113; BIOL	199 is the co-requisit	o for PIOL 114
must complete NOTES	e two*	COURSE	S.H.	NOTES
required co-ops.			<u>.</u>	
required co-ops.				
	√	COURSE	S.H.	NOTES
(35 s.h.)	✓ 	COURSE MATH 123	S.H.	NOTES
(35 s.h.)	✓ 		3	NOTES
(35 s.h.)	✓ 	MATH 123	3	NOTES
(35 s.h.) NOTES		MATH 123 MATH/STAT	3 203 3	NOTES
(35 s.h.) NOTES a year two.		MATH 123 MATH/STAT NATS 481	203 3 3	NOTES
i	must complete	NOTES n Spring semester of year one. must complete two*	NOTES n Spring semester of year one. must complete two*)	NOTES n Spring semester of year one. must complete two*)

NOTE: All Biotechnology courses are cross listed as Biology courses, including Biotechnology practica.

- NOTE: A total of 134 s.h. of credit, including a minimum of 54 s.h. (36 s.h. in the major) of upper-level credit is required for graduation. A minimum GPA of 3.0 in all major courses combined as well as an overall (cumulative) GPA of 3.0 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 30th 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.

This program is offered under the written consent of the Minister of Advanced Education effective March 9, 2006, having undergone a quality assessment process and been found to meet the criteria established by the minister. Nevertheless, prospective students are responsible for satisfying themselves that the program and the degree will be appropriate to their needs (for example, acceptable to potential employers, professional licensing bodies, or other educational institutions).

		YEAR 1			YEAR 2			YEAR 3			YEAR 4			YEAR 5	COURSE LEGEND
✓	s.h.	Fall	✓	s.h.	Fall	✓	s.h.	Fall	✓	s.h.	Fall	✓	s.h.	Fall	
	1	FNDN 101		3	FNDN 201		3	Core ²		3	Core ²		3	BIOL ³	Core Courses
	3	RELS 110		3	Core ²		3	BIOL 371		3	BIOL ³		3	BIOL ³	 Choose from: ENGL 101, 102, 103, 104 Core electives should be chosen as follows: ONE Scientific Method & Lab Research
	3	ENGL ¹		3	BIOL 223		3	BIOL 384		3	BIOL ³		1	BIOL 409	ONE Aesthetic and Performance Inquiry ONE Historical & Archival Inquiry ONE Quantitative & Computational Inquiry
	4	BIOL 113		3	CHEM 221		3	BIOL ³		3	CHEM 357		3	NATS 481	Major Courses
	4	CHEM 111		3	MATH 123		3	PHYS 111							3. Choose a 300- or 400-level BIOL course
															Major + Core Courses
,		YEAR 1	,		YEAR 2	,	L	YEAR 3	,		YEAR 4	,	. 1.	YEAR 5	Ancillary + Core Courses
✓	s.h.	Spring	✓	s.h.	Spring	✓	s.h.	Spring	√	s.h.	Spring	✓	s.h.	Spring	
	3	FNDN 102		3	Core ²		3	Core ²		3	BIOL ³		3	Core ²	Electives Summer Sessions are encouraged to reduce
	3	RELS 111 or 112		3	BIOL 290		3	BIOL 372		3	BIOL 470		3	BIOL ³	semester load and/or repeat courses
	3	ENGL ¹		3	BIOT 200		3	BIOL 386		3	CHEM 358		2	BIOL 410	
	4	BIOL 114		3	CHEM 222		3	BIOL 423		3	Elective				
	4	CHEM 112		3	STAT 203		3	PHYS 112							
Se	emeste	r Total: 17	S	emeste	er Total: 15	Se	emeste	r Total: 15	S	emeste	er Total: 12	5	Semest	er Total: 8	

This is an example of what a 5-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.