

Student Name: _____

ID#: _____

Advisor Name: _____

Anticipated Graduation Date: _____

CHEMISTRY MAJOR – GENERAL PROGRAM CHECKLIST (122 s.h.)

2021-22 Academic Calendar

THIS PROGRAM CHECKLIST IS INTENDED TO ASSIST STUDENTS AND ADVISORS IN ENSURING THAT ALL UNIVERSITY AND PROGRAM REQUIREMENTS ARE MET. IT IS THE RESPONSIBILITY OF THE **STUDENT** TO ENSURE THAT ALL REQUIREMENTS FOR THE DEGREE HAVE BEEN MET.

1. Inquiry: Ways of Knowing - Core Requirements (40 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.)				☐	Academic Writing Requirement ²		
Academic Research & Writing				WAYS OF KNOWING (15 sem. hrs.)			
☐	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 15 sem. hrs., selecting 3 sem. hrs. from each of the following five categories. *At least 9 sem. hrs. must be from outside of the student's major.			
☐	ENGL ____	3					
Foundations				Aesthetic & Performance 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.	Cultural & Linguistic Inquiry			
☐	FNDN 201	3		☐	_____	3	Choose 3 sem. hrs. from the Cultural & Linguistic Inquiry category below.
Logical & Ethical Reasoning				Experiential & Embodied Inquiry			
☐	PHIL ____	3	Choose one of PHIL 103, 105, 106, 109 or 210	☐	_____	3	Choose 3 sem. hrs. from the Experiential & Embodied Inquiry category below.
Religious & Spiritual Thought				Historical & Archival Inquiry			
☐	RELS 101	3	Students who are unfamiliar with the biblical, theological and historical narrative of Christianity may take RELS 100 in place of either RELS 101 or 102.	☐	_____	3	Choose 3 sem. hrs. from the Historical & Archival Inquiry category below.
☐	RELS 102	3		Quantitative & Computational Inquiry			
☐	RELS ____	3	Choose one of RELS 160, 271, 272	**	**	**	Satisfied by Program Requirements.
Scientific Method & Lab Research				Social & Global Inquiry			
**	**	**	Satisfied by Program Requirements.	☐	_____	3	Choose 3 sem. hrs. from the Social & Global Inquiry category below.

¹ FNDN 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.

² **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.

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, 482; GREE 235; HEBR 245; HIST 237; POLS 237; RELS 235, 245; SOCI 395; any World Languages & Cultures course (CHIN, FREN, JAPA, RUSS, SPAN)

Experiential & Embodied Inquiry

Choose 3 semester hours from: ART 305, 306, 307; BIOL 316, 318, 362, 364, 409, 410; BIOT 100, 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, 235, 266, 355, 455, 456, 457, 458, 459, 460; 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

Historical & Archival Inquiry

Choose 3 semester hours from: ART 237, 238; ECON 306; GENV 312; HIST 107, 108, 109, 111, 112, 135, 136, 230, 251, 252, 306, 312, 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 108, 220, 310, 320; POLS 211, 310, 312, 320, 493; PSYC 399; RELS 285, 381, 384, 386, 476; SOCI 101; THTR 348

2. Required Chemistry Courses (44 s.h.)

✓	COURSE	S.H.	NOTES	✓	COURSE	S.H.	NOTES
☐	CHEM 111*	4	Or 103/112 or 103/104	☐	CHEM ____	3	Choose from: CHEM 321, 322, 341, 342, 358, 370, 384, 431, 432, 461, 469, 409/410*
☐	CHEM 112*	4		☐	CHEM ____	3	
☐	CHEM 221	3		☐	CHEM ____	3	
☐	CHEM 222	3		☐	CHEM ____	3	
☐	CHEM 230	3		☐	CHEM ____	3	
☐	CHEM 240	3		☐	CHEM ____	3	
☐	CHEM 357	3		☐	CHEM ____	3	

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

**CHEM 409/410 would meet Experiential and Embodied Inquiry requirements.

3. Ancillary Requirements (18 s.h.)

✓	COURSE	S.H.	NOTES	✓	COURSE	S.H.	NOTES
☐	MATH 123	3		☐	NATS 482	3	
☐	MATH 124	3		☐	PHYS 111	3	
☐	_____	3	Choose from: MATH 223 or CMPT 140	☐	PHYS 112	3	

4. Elective Courses (20 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 WWW.TWU.CA/ADVISING

✓	SUBJECT	COURSE #	S.H.	NOTES	✓	SUBJECT	COURSE #	S.H.	NOTES
☐	_____	_____	_____	Suggested electives include: CMPT 140	☐	_____	_____	_____	
☐	_____	_____	_____		☐	_____	_____	_____	
☐	_____	_____	_____		☐	_____	_____	_____	
☐	_____	_____	_____		☐	_____	_____	_____	
☐	_____	_____	_____		☐	_____	_____	_____	
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☐	_____	_____	_____		☐	_____	_____	_____	
☐	_____	_____	_____		☐	_____	_____	_____	
☐	_____	_____	_____		☐	_____	_____	_____	
☐	_____	_____	_____		☐	_____	_____	_____	

➤ **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.