

Student Name: _____

ID#: _____

Advisor Name: _____

Anticipated Graduation Date: _____

MATHEMATICS WITH COMPUTING MAJOR CHECKLIST (122 s.h.) 2013-14 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. University Core Requirements (39 s.h.)* †

* University Core Requirements are modified for students who transfer in with 57 s.h. or more of credit.

† Students may "double-count" a cross-listed core requirements course once. See <http://www.twu.ca/advising/> for more details.

| ✓ | COURSE | S.H. | NOTES | ✓ | COURSE | S.H. | NOTES |
|--------------------------------------|--|------|--|-----------------------------------|-----------|------|--|
| <input type="checkbox"/> | English Language Writing Competency Requirement ¹ | | | NATURAL SCIENCE (6) | | | |
| ENGLISH (6) | | | | | | *** | Included in program requirements. |
| <input type="checkbox"/> | ENGL 103 | 3 | ENGL 103 and 104 are compulsory during the first year for all new full-time (12 s.h. or more) students. ² | | | *** | |
| <input type="checkbox"/> | ENGL 104 | 3 | | PHILOSOPHY (3) | | | |
| ARTS, MEDIA + CULTURE (3) | | | | <input type="checkbox"/> | PHIL ____ | 3 | |
| <input type="checkbox"/> | _____ | 3 | May be chosen from Art, Music, Theatre, or Arts, Media + Culture courses. ³ | RELIGIOUS STUDIES (12) | | | |
| HISTORY (3) | | | | <input type="checkbox"/> | RELS 101 | 3 | Students may challenge the RELS 101 and/or 102 courses by writing an exam provided by the Religious Studies dept. ⁴ |
| <input type="checkbox"/> | HIST ____ | 3 | | <input type="checkbox"/> | RELS 102 | 3 | |
| HUMAN KINETICS (4) | | | | <input type="checkbox"/> | RELS ____ | 3 | Biblical-content course (middle digit 0-5) |
| <input type="checkbox"/> | HKIN 190 | 2 | | <input type="checkbox"/> | _____ | 3 | Christianity and Culture or Inter-Cultural Religious Studies Course ⁵ |
| <input type="checkbox"/> | HKIN ____ | 1 | Activity course | SOCIETY & CULTURE (3) | | | |
| <input type="checkbox"/> | HKIN ____ | 1 | Activity course | <input type="checkbox"/> | _____ | 3 | See footnote 6. |
| INTERDISCIPLINARY STUDIES (4) | | | | UNIVERSITY ORIENTATION (1) | | | |
| <input type="checkbox"/> | MATH/CMPT 480 | 3 | | <input type="checkbox"/> | MYTW 101 | 1 | Fall or Spring semester of first year. ⁷ |
| <input type="checkbox"/> | NATS 490 | 1 | | | | | |

¹ Students must take WRTG 100 (native English speakers) or WRTG 101 (non-native English speakers) in their first semester at TWU, unless exempt when admitted to the University. WRTG course credit may be included toward a degree program as elective credit.

² Students for whom English is a second language may substitute ENGL 101 and 102 (6 s.h.) for ENGL 103 and 104, with ENGL 101 and 102 compulsory in the next two consecutive semesters following the successful completion of WRTG 101.

³ May include three 1-s.h. large theatre and music ensembles, but not small ensembles or music lessons.

⁴ A passing grade allows the student to replace RELS 101 and/or 102 with an alternative biblical-content course(s).

⁵ RELS course with a middle digit 6-9 or PHIL 210 or PHIL 310. If PHIL 210/310 is chosen, this will NOT also fulfill the Philosophy requirement.

⁶ Students may choose from Anthropology, Economics, Geography (excl. 121/131/320), Media + Communication, Modern Languages, Political Studies, Psychology, or Sociology.

⁷ MYTW 101 is compulsory during the first semester of the first year for all new students unless they have minimum 27 s.h. initial transfer credit.

2. Required Math and Computing Science Courses (48 s.h.) (24 s.h. must be upper-level credit)

| ✓ | COURSE | S.H. | NOTES | ✓ | COURSE | S.H. | NOTES |
|--------------------------|-----------|------|----------------------------|--------------------------|-----------|------|---|
| <input type="checkbox"/> | MATH 123 | 3 | | <input type="checkbox"/> | CMPT ____ | 3 | 200 level |
| <input type="checkbox"/> | MATH 124 | 3 | | <input type="checkbox"/> | CMPT ____ | 3 | CMPT elective 300 or above |
| <input type="checkbox"/> | MATH 150 | 3 | | <input type="checkbox"/> | _____ | ___ | MATH and/or CMPT electives 300 or above (may include MATH 410) for a total of 18 s.h. |
| <input type="checkbox"/> | MATH 223 | 3 | | <input type="checkbox"/> | _____ | ___ | |
| <input type="checkbox"/> | MATH 250 | 3 | | <input type="checkbox"/> | _____ | ___ | |
| <input type="checkbox"/> | MATH ____ | 3 | MATH elective 300 or above | <input type="checkbox"/> | _____ | ___ | |
| <input type="checkbox"/> | CMPT 140 | 3 | | <input type="checkbox"/> | _____ | ___ | |
| <input type="checkbox"/> | CMPT 166 | 3 | | <input type="checkbox"/> | _____ | ___ | |

3. Ancillary Requirements (3 s.h.)

| ✓ | COURSE | S.H. | NOTES | ✓ | COURSE | S.H. | NOTES |
|--------------------------|----------|------|-------|---|--------|------|-------|
| <input type="checkbox"/> | PHYS 111 | 3 | | | | | |

4. Elective Courses (33 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 |
|--------------------------|---------|----------|------|---|--------------------------|---------|----------|------|-------|
| <input type="checkbox"/> | _____ | _____ | ___ | Recommended Electives Include: BIOL 113 CHEM 111 | <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"/> | _____ | _____ | ___ | | <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.