Student Name: _____   ID#: _____

Advisor Name: _____   Anticipated Graduation Date: _____

GEOGRAPHIC INFORMATION SYSTEMS
CERTIFICATE CHECKLIST
2018 - 19 ACADEMIC CALENDAR

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

GEOGRAPHIC INFORMATION SYSTEMS (GIS) CERTIFICATE (21 s.h.)

✓	COURSE	S.H.	NOTES	✓	COURSE	S.H.	NOTES
REQUIRED COURSES (15 S.H.) to be taken sequentially							
☐	GENV 282	3		☐	_____	3	Choose one of GENV 111, 121, 131, or 212
☐	GENV 383	3		☐	_____	3	Choose one course from the list of electives below * Or select a course from your major or discipline of interest that is related to spatial analysis or GIS, quantitative, computational, digital, and/or data management skills. Applicable disciplines include Business, Urban & Regional Planning, Ecology, History, etc.
☐	GENV 482	3					
☐	GENV 382	3					
☐	GENV 372 or 374	3					

*List of approved electives:
        ART 150, ART/MCOM 364,
        Au Sable Institute courses,
        BIOL/GENV 316, 318, 362, 364, 381, 484,
        BUSI/ECON 311, BUSI 331, 334, 335, 338, 370, 395/396, 411, 430, 470, 486/487,
        CHEM 370,
        CMPT 113, 200, 231, 339, 385,
        ECON 300, 330,
        EDUC 345, 365,
        GENV 320, GENV/GEOL 321, GENV 322, 341, 355, 356, 373, 375, 411, 441,
        HIST 312,
        LDRS 230, LDRS 303,
        MATH 123, 124, 223, 320, 370,
        MCOM 231,
        POLS 305
        PSYC 322
        SOCI 318, 355, 350, 360

➢ **NOTE: A total of 21 s.h. of credit, including a minimum of 12 s.h. required to be completed at TWU. 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.**