Curriculum Guide Major: Mathematics 8-12 Certification (B.S) 2012 - 2013			
First Year		**Second Year**	
Semester 1	Semester 2	Semester 1	Semester 2
ENGL 1301 3 hrs. MATH 1314[1] 3 hrs. CORE 60* 3 hrs. CORE 70* 3 hrs. CORE 90* 1-3 hrs.	ENGL 1302[2] or 2311[2] 3 hrs. MATH 2412[3] 4 hrs. CORE 11* 3 hrs. CORE 50* 3 hrs. CORE 60* 3 hrs.	MATH 2413[4] 4 hrs. PHYS 1401[5]/2425[6] (FA) 4 hrs. CS 1315[7] (FA) 3 hrs. CORE 40* 3 hrs. CORE 80* 3 hrs.	MATH 2414[8] 4 hrs. PHYS 1402[9]/2426[10] (SP) 4 hrs. MATH 3331[11] 3 hrs. CORE 70* 3 hrs. CS/Sci/MATH Elective 3 hrs.
13-15 hrs.	16 hrs.	17 hrs.	17 hrs.
Third Year		**Fourth Year**	
Semester 1	Semester 2	Semester 1	Semester 2
MATH 3325[8] (FA) 3 hrs. MATH[22] 3 hrs. MATH[22] 3 hrs. CS/Sci/MATH Elective 3 hrs. EDPD 3340[12] 3 hrs.	MATH 4310[13] (SP) 3 hrs. MATH 3306[8] 3 hrs. EPSY 3341[14] 3 hrs. [MATH[15] 3 hrs.]	MATH[22] 3 hrs. MATH[22] 3 hrs. EDRD 4386[16] 3 hrs. EDT 3343[17] 3 hrs.	MATH 4341[13] (SP) 3 hrs. MPS 4370[18] 3 hrs. EPSY 3350 3 hrs. EDSE 4320[19] 3 hrs. [MATH[15] 3 hrs.]
15 hrs.	9 or 12 hrs.	12 hrs.	12 or 15 hrs. **Fall, Fifth Year** EDPD 4340[20] EDSE 4340[21] (Student Teaching) EDSE 4341[21] (Student Teaching)
*See degree checklist for options. FA=Fall only SP=Spring only ♦Total degree hours must be 120; course may be required if degree hours are not otherwise accounted for. *NOTE: Course scheduling/rotation notes are not definitive and should be used for general planning purposes only. A number of factors can influence when courses are offered. Students should always seek the advice of their academic advisor before scheduling classes.*			

PREREQUISITE NOTES:

[1]**MATH 1314:** prerequisite is MATH 0303 or score of 85 or higher on Accuplacer elementary level algebra

[2]**ENGL 1302 and 2311:** prerequisite is ENGL 1301

[3]**MATH 2412:** prerequisite is ACT score of 24 or SAT 560 or above on math section or MATH 1314 (Note: MATH 1316 is accepted, but **MATH 2412 is preferred**)

[4]**MATH 2413:** prerequisite is MATH 1316, 2412, or ACT score of 27 or SAT 620 or above on math section

[5]**PHYS 1401:** prerequisite is MATH 1314, MATH 1324 or a mathematics course for which one of these courses is a prerequisite.

[6]**PHYS 2425:** prerequisite is MATH 2413 or concurrent enrollment

[7]**CS 1315:** MATH 1314 and MATH 1316 or MATH 2412.

[8]**MATH 2414, 3306, 3325:** prerequisite is MATH 2413

[9]**PHYS 1402:** prerequisite is PHYS 1401.

[10]**PHYS 2426:** prerequisite is PHYS 2425 and MATH 2414 or concurrent enrollment in MATH 2414.

[11]**MATH 3331:** high school geometry, MATH 1316 or MATH 2412.

[12]**EDPD 3340:** prerequisite is 54 hours, pass TSI, minimum 2.5 GPA. Apply at OM-415.

[13]**MATH 4310, 4341:** prerequisite is MATH 3325

[14]**EPSY 3341:** prerequisite is EDPD 3340, minimum 2.5 GPA, admission into WTAMU Teacher Education Program.

[15]**MATH 3321:** MATH 2414. Spring of even years.

[16]**EDRD 4386:** prerequisite is EDPD 3340, EPSY 3341and admission to and retention in WTAMU Teacher Education Program

[17]**EDT 3343:** prerequisite is demonstrated computer competency or equivalent, 60 hours

[18]**MPS 4370:** prerequisite is senior status and consent of instructor

[19]**EDSE 4320:** EDPD 3340, EPSY 3341, EDT 3343, full admission to Teacher Education Program. To be taken the semester prior to student teaching.

[20]**EDPD 4340:** To be taken the semester of student teaching.

[21]**EDSE 4340 and EDSE 4341:** Student Teaching. See requirements in the course description

ADDITIONAL NOTES:

[22]**Choose four courses from the following:** MATH 3321 (SP even; prereq. 2414) **or** 4361 (SP odd; no prereq.) not taken as a requirement; 3311 (FA; prereq. 2414); 3340 (SP; prereq. 2414); 3342 (FA/SP; prereq. 2414); 3343 (SP; prereq. 3342); 4340 (FA odd; prereq. 3340 or concurrent enrollment); 4362 (FA even; prereq. 2414).