

Curriculum Guide Major: Mathematics 8-12 Certification (B.S) 2013-2014			
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 Elect. 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 Elect. 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. EDSE 4320 ¹⁷ 3 hrs.	MATH 4341 ¹³ (SP) 3 hrs. MPS 4370 ¹⁸ 3 hrs. EPSY 3350 3 hrs. EDSE 4330 ¹⁹ 3 hrs. [MATH ¹⁵ 3 hrs.]
15 hrs.	9 or 12 hrs.	12 hrs.	12 or 15 hrs.
<p>Fall, Fifth Year EDPD 4340²⁰ EDSE 4340²¹ (Student Teaching) EDSE 4341²¹ (Student Teaching)</p>			
<p>*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.</p> <p>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.</p>			

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.
- ⁴**MATH 2413:** prerequisite is MATH 1316, 2412, or ACT score of 27 or SAT 620 or above on math section. (Note: MATH 1316 is accepted, but **MATH 2412 is preferred**)
- 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 3341 and admission to and retention in WTAMU Teacher Education Program
- ¹⁷**EDSE 4320:** EDPD 3340, EPSY 3341 and full admission to WTAMU Teacher Education Program.
- ¹⁸**MPS 4370:** prerequisite is senior status and consent of instructor
- ¹⁹**EDSE 4330:** EDSE 4320.
- 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).