

Curriculum Guide Major: Mathematics (B.S.) 2012 - 2013			
First Year		Second Year	
Semester 1	Semester 2	Semester 1	Semester 2
ENGL 1301 3 hrs.	ENGL 1302 ³ or 2311 ³ 3 hrs.	MATH 2413 ⁵ 4 hrs.	MATH 2414 ⁵ 4 hrs.
MATH 1314 ² 3 hrs.	MATH 2412 ⁴ 4 hrs.	PHYS 1401 ⁶ /2425 ⁶ (FA) 4 hrs.	PHYS 1402 ⁹ /2426 ¹⁰ (SP) 4 hrs.
CORE 60* 3 hrs.	CORE 11* 3 hrs.	CS 1315 ¹⁵ 3 hrs.	CORE 70* 3 hrs.
CORE 70* 3 hrs.	CORE 50* 3 hrs.	CORE 40* 3 hrs.	Elective 3 hrs.
CORE 90* 1-3 hrs.	CORE 60* 3 hrs.	Elective 3 hrs.	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 ¹¹ (FA) 3 hrs.	MATH ¹ 3 hrs.	MATH ¹ 3 hrs.	MATH 4341 ¹³ (SP) 3 hrs.
MATH ¹ 3 hrs.	MATH ¹ 3 hrs.	MATH ¹ 3 hrs.	MPS 4370 ¹⁴ 3 hrs.
MATH ¹ 3 hrs.	CS 1337 (or MATH 3306) ¹⁶ 3 hrs.	Adv. Elective 3 hrs.	MATH ¹ 3 hrs.
CORE 80* 3 hrs.	Adv. Elective 3 hrs.	Adv. Elective 3 hrs.	Elective 3 hrs.
Elective 3 hrs.	Elective 3 hrs.	Elective 3 hrs.	
15 hrs.	15 hrs.	15 hrs.	12 hrs.

*See degree checklist for options.
♦Total degree hours must be 120; course may be required if degree hours are not otherwise accounted for.
FA=Fall only
SP=Spring only

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:

- ²MATH 1314: prerequisite is MATH 0303 or score of 85 or higher on Accuplacer elementary level algebra
- ³ENGL 1302 and 2311: prerequisite is ENGL 1301
- ⁴MATH 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**)
- ⁵MATH 2413: prerequisite is MATH 1316, 2412, or ACT score of 27 or SAT 620 or above on math section
- ⁶PHYS 1401: prerequisite is MATH 1314, MATH 1324 or a mathematics course for which one of these courses is a prerequisite.
- ⁷PHYS 2425: prerequisite is MATH 2413 or concurrent enrollment
- ⁸MATH 2414: prerequisite is MATH 2413
- ⁹PHYS 1402: prerequisite is PHYS 1401.
- ¹⁰PHYS 2426: prerequisite is PHYS 2425 and MATH 2414 or concurrent enrollment in MATH 2414
- ¹¹MATH 3325: prerequisite is MATH 2414.
- ¹²MATH 3311: prerequisite is MATH 2414.
- ¹³MATH 4341: prerequisite is MATH 3325.
- ¹⁴MPS 4370: prerequisite is senior status and consent of instructor.
- ¹⁵CS 1315: prerequisite is MATH 1314 and MATH 1316 or MATH 2412.
- ¹⁶Mathematics majors seeking teacher certification must take MATH 3306 (SP; prereq. 2413), and those not seeking teacher certification must take CS 1337 (FA/SP/SU; no prereq.)

ADDITIONAL NOTES:

¹Choose courses from the following: MATH 3311 (FA; prereq. 2414), 3321 (SP even; prereq. 2414), 3340 (SP; prereq. 2414), 3342 (FA/SP; prereq. 2414), 3343 (SP; prereq. 3342), 4310 (SP; prereq. 3325), 4340 (FA odd; prereq. 3340 or concurrent enrollment), 4361 (SP odd; no prereq.) or 4362 (FA even; prereq. 2414)