

Curriculum Guide 2012-2013							
Major: Computer Science – Enterprise Systems track (BS.CS 307)							
First Year				Second Year			
Semester 1		Semester 2		Semester 1		Semester 2	
ENGL 1301	3 hrs.	ENGL 2311*	3 hrs.	CORE (40-41) <sup>C</sup>	3 hrs.	CHEM1412* or PHYS2426*	4 hrs.
MATH 2413*	4 hrs.	CS 1337 w/lab	3 hrs.	CHEM1411* or PHYS2425*	4 hrs.	CORE 70 <sup>C</sup>	3 hrs.
MATH 2321*	3 hrs.	CORE 60 <sup>C</sup>	3 hrs.	CORE 60 <sup>C</sup>	3 hrs.	CS 3321*	3 hrs.
CORE 11 <sup>C</sup>	3 hrs.	MATH 2414*	4 hrs.	CORE 70 <sup>C</sup>	3 hrs.	CS 2325* w/lab	3 hrs.
CORE 90-CS 1301	3 hrs.	MATH 2322*	3 hrs.	CS 2336* w/lab	3 hrs.	CS 3305*	3 hrs.
16 hrs.		16 hrs.		16 hrs.		16 hrs.	
Third Year				Fourth Year			
Semester 1		Semester 2		Semester 1		Semester 2	
CS 3307*	3 hrs.	CS 3303*	3 hrs.	CS 4321*	3 hrs.	CS 4391*	3 hrs.
CS 3310*	3 hrs.	CS 3315*	3 hrs.	CS 4385*	3 hrs.	CS 4322*	3 hrs.
CS 3322*	3 hrs.	CS 3372*	3 hrs.	CS 4390*	3 hrs.	MATH Elective <sup>1</sup>	3 hrs.
CS 3352*	3 hrs.	CS 4325*	3 hrs.	CORE 50 <sup>C</sup>	3 hrs.	Elective	2 hrs.
CS 4340*	3 hrs.	CORE 80 <sup>C</sup>	3 hrs.	MATH Elective <sup>1</sup>	3 hrs.		
15 hrs.		15 hrs.		15 hrs.		11 hrs.	

<sup>C</sup> See degree checklist for options.

**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:

- \*CHEM 1411: prerequisite is MATH 1314 or MATH 1324.
- \*CHEM 1412: prerequisite is CHEM 1411.
- \*CS 2325: prerequisites are CS 2336 and CS 2321 or MATH 2321.
- \*CS 2336: prerequisite is CS 1337.
- \*CS 3303: prerequisite is CS 2336 or consent of instructor.
- \*CS 3305: prerequisites are CS 2336, CS 2321 or MATH 2321, and MATH 2413 or consent of CS coordinator.
- \*CS 3307: prerequisites are CS 2322 or MATH 2322 and CS 3305.
- \*CS 3310: prerequisite is CS 3305.
- \*CS 3315: prerequisite is CS 2336.
- \*CS 3321: prerequisite is CS 2336.
- \*CS 3322: prerequisite is CS 3321.
- \*CS 3352: prerequisite is CS 3305.
- \*CS 3372: prerequisite is CS 3352.
- \*CS 4321: prerequisite is CS 3322.
- \*CS 4322: prerequisite is CS 4321.
- \*CS 4325: prerequisites are CS 2322 or MATH 2322, CS 2325, and CS 3305.
- \*CS 4340: prerequisite is CS 3305.
- \*CS 4385: prerequisite is CS 3372.
- \*CS 4390: prerequisite is senior standing and consent of CS coordinator.
- \*CS 4391: prerequisite is CS 4390.
- \*ENGL 2311: prerequisite is ENGL 1301.
- \*MATH 2321: prerequisite is MATH 1316 or MATH 2412.
- \*MATH 2322: prerequisite is CS 2321 or MATH 2321.
- \*MATH 2413: prerequisite is MATH 2412 or 1316 or ACT score of 27 or SAT 620 or above on the math section.
- \*MATH 2414: prerequisite is MATH 2413.
- \*PHYS 2425: prerequisite is MATH 2413 or concurrent enrollment.
- \*PHYS 2426: prerequisite is PHYS 2425 and MATH 2414 or concurrent enrollment.

#### ADDITIONAL NOTES:

<sup>1</sup> Choose from **MATH 3311** (prereq. MATH 2414, FA), **MATH 3321** (prereq. MATH 2414, SP even), **MATH 3325** (prereq. MATH 2414, FA), **MATH 3340** (prereq. MATH 2414, SP), **MATH 3342** (prereq. MATH 2414), **MATH 3343** (prereq. MATH 33424, SP), **MATH 4310** (prereq. MATH 3325, SP), **MATH 4340** (prereq. MATH 3340, FA odd), **MATH 4341** (prereq. MATH 3325, SP), **MATH 4361** (no prereq., SP odd), **MATH 4362** (prereq. MATH 2414, FA even)