

**COLLEGE OF BUSINESS
JUNIOR / SENIOR YEAR STUDY PLAN
MAJOR: INFORMATION SYSTEMS – 30 CREDITS
2009-2010**

Required Courses – 30 credits	Semester	Prerequisite Courses
CPS 142 Elementary Programming in Visual Basic	Fall & Spring	Math 103 w/C
CPS 221 Programming in Java	Fall & Spring	CPS 142 w/C or Math 104, 108, 204, 206 w/C
Bus 314 System Analysis & Design	Fall	Bus 311 or concurrent
Bus 315 Database Systems in Business	Spring	Bus 311 w/C, or CPS 271 w/C and CPS142 or concurrent
Bus 318 Programming in Java	Fall	CPS 221 w/C and Bus 314 or concurrent
Bus 355 Networking & Data Communication	Spring	Bus 311 w/C or CPS 271 w/C and Bus 314 or concurrent
Bus 410 Software Design & Development	Fall	Bus 314 and Bus 315 or concurrent, and CPS 142 and CPS 221
Bus 411 Project Management	Fall	Complete 4 bus core courses
Bus 412 Web-Based Systems	Spring	Bus 315 or concurrent or CPS 361 or concurrent and CPS 221
Bus 417 IS Strategy and Management	Spring	Complete all Bus core, 1/2 of any Bus major and Bus 411

Note: Students interested in the IS major are eligible for enrollment in BUS 311, CPS 142, & CPS 221 during sophomore year via Math placement test; **this is recommended to avoid heavy loads of IS courses in later semesters.**

Sample Plan –Information Systems Major

JUNIOR YEAR

First Semester	Second Semester
Courses Bus 311 Essentials of Information System Bus 314 System Analysis and Design CPS 142 Elementary Programming in Visual Basic	Courses Bus 315 Database Systems in Business Bus 355 Networking & Data Communication CPS 221 Programming in Java

SENIOR YEAR

First Semester	Second Semester
Courses Bus 318 Business Programming in Java Bus 410 Software Design & Development Bus 411 Project Management	Courses Bus 412 Web-Based Systems Bus 417 IS Strategy and Management