NAME _____

CLID_____

INFORMATICS: *SYSTEMS ADMINISTRATION CONCENTRATON*
2013-2015 CATALOG

(MAJOR CODE: S300-04)

FRESHMEN YEAR

Sub Course		Course	Course Description and *Pre/Co-Requisites*	Credit	Grade	Sub Course		Course	Course Description and Pre/Co-Requisites	Credit	Grade
		UNIV 100	Cajun Connection *(Rest. Students with less than 30 hours)*	2			*+	EECE 140	Computer Engineering	3	
	*&	UNIV 200[1]	Information Literacy	2			*&	ENGL 102	Writing & Research About Culture *("C" in ENGL 101)*	3	
	*&	ENGL 101	Intro Academic Writing *(ACT 18-27 or "C" in ENGL 90)*	3			*+	INFX 210	Human Computer Interaction *("C" in INFX 101 & MATH 143 req'mnt)* **FA, SP**	3	
	*+	INFX 101	Fund of Informatics *(Eligibility for MATH 143 requirement)* **FA, SP**	3			*+	INFX 240	Information Technology Infrastructure *("C" in INFX 101 & MATH 143 req'mnt)* **FA, SP**	3	
	*&	MATH 143[2]	Precalculus Algebra & Trig	3-5			*	MATH 250	Survey of Calculus *("C" in MATH 100/105 or ACT 25+)*	3	
	&	ELECTIVE[4]	(SCI)	3						15	
				16-18				**UPPER DIVISION REQUIREMENTS** *(All courses require a grade of "C" or better except Elective (SCI))*			
								* 2.30 Adjusted GPA * Math 250 * 30 hours earned (non-developmental) * UNIV 200			
								* ENGL 102 * CMPS 207 **OR** 260 * INFX 210 **AND** 240 * Elective (SCI)			

SOPHOMORE YEAR

Sub Course		Course	Course Description and Pre/Co-Requisites	Credit	Grade	Sub Course		Course	Course Description and Pre/Co-Requisites	Credit	Grade
	*+	CMPS 150	Intro to Comp Sci *("C" in MATH 250; Coreq: MATH 143 req'mnt)*	3			*+	CMPS 260	Intro Data Struct & Software Design *("C" in CMPS 150)* **FA, SP**	3	
	*+	ELECTIVE[8]	(CONCENTRATION)	3			*	STAT 325	Introduction to Statistics *("C" in MATH 143 req'mnt)*	3	
	*+	ELECTIVE[8]	(CONCENTRATION)	3			*+	CMPS 310	Computers in Society *("C" in CMPS 260 or permission of instructor)*	2	
	&	ELECTIVE[5]	(CMCN)	3			*+	INFX 301	Computational Thinking *(UD)* **FA, SP**	3	
	&	ELECTIVE[4]	(SCI)	3			&	ELECTIVE[6]	(ARTS)	3	
				15						14	

JUNIOR YEAR

Sub Course		Course	Course Description and Pre/Co-Requisites	Credit	Grade	Sub Course		Course	Course Description and Pre/Co-Requisites	Credit	Grade
	*	CMPS 261	Advanced Data Structures *("C" in CMPS 260 & MATH 250)* **FA, SP**	3			*+	INFX 321	Network Security *("C" in INFX 320)* **SP**	3	
	*+	INFX 320	Information Assurance and Security *(UD)* **FA**	3			*+	INFX 380	Systems Integration & Architecture *(UD)* **SP**	3	
	*+	INFX 330	Information Management *(UD)* **FA**	3			*	ENGL 365	Technical Writing *(6 hours of freshman English)*	3	
	*+	INFX 343	Distributed Information Systems *("C" in INFX 330 or permission)* **FA**	3			*+	ELECTIVE[8]	(CONCENTRATION)	3	
	&	ELECTIVE	(HIST)	3			&	ELECTIVE[3]	(BHSC)	3	
				15						15	

SENIOR YEAR

Sub Course		Course	Course Description and Pre/Co-Requisites	Credit	Grade	Sub Course		Course	Course Description and Pre/Co-Requisites	Credit	Grade
	*+	INFX 440	Advanced Network Infrastructure *(6 hours of 300 INFX)* **FA**	3			*+	INFX 451	Unix System Administration *("C" in INFX 450)* **SP**	3	
	*+	INFX 450	Sys Admin & Maint *(INFX 320, 6 hours of 300 INFX)* **FA**	3			*+	INFX 470	Web Systems & Technologies *(INFX 330, 6 hours of 300 INFX)* **SP**	3	
	*+	INFX 481	Business Process Analysis & Design *(INFX 380, 6 hours of 300 INFX)* **FA**	3			*+	INFX 490[7]	Informatics Capstone *(INFX 450, INFX 470, 6 hours of 300 INFX)* **FA, SP**	3	
	*+	INFX 491	Internship	3			&	ELECTIVE[3]	(BHSC)	3	
	&	ELECTIVE	(LIT)	3			&	ELECTIVE[4]	(SCI)	3	
				15						15	

*Students must earn a "C" or better in each core course, each concentration course, in order to graduate.

[1] Complete UNIV 200 or a "computer proficiency" examination before being admitted to Upper Division.

[2] Students who meet criteria set by the Department of Mathematics may register for MATH 143 (Math ACT => 26-27) upon entry. Those who do not meet these qualifications must take both MATH 109 and 110 (Math ACT => 26-27), in order to satisfy the MATH 143 requirement.

[3] Must be selected from ANTH, ECON, GEOG, POLS, PSYC, SOCI, or CJUS with at least one 3-hour course at the 200 level or above. See advisor for a list of acceptable courses

[4] Must be selected from both biological (BIOL) and physical (CHEM, GEOL, PHYS) sciences. **Two of these courses must be within the same science. Both a biological and a physical science must be taken.** If a student chooses to take *only one* biological science, ENVS 150 may be used.

[5] Must be selected from CMCN 100 (or 101 for international students), 202, 203 (HONR), 302, or 310.

[6] Must be selected from MUS, VIAR, DANC, THEA or DSGN 121.

[7] Must be taken in last semester.

[8] Must be selected as follows: Choose at least two from CMPS 360, CMPS 455, EECE 233 or EECE 240, EECE 340, INFX 499. Choose at most one from BLAW 310, MGMT 320, PHIL 316

THE FOLLOWING COURSES CANNOT BE APPLIED TOWARD THIS DEGREE:								
Course	Grade	Credit	Course	Grade	Credit	Course	Grade	Credit

Symbol's Key

*   "C" or better required

\+   Major Course

&   University & Regents

UD   Upper Division

SP   Offered spring only

FA   Offered fall only