SOFTWARE ENGINEERING

(For students entering Fall 2010)

FRESHMAN YEAR:

Fall	Winter	Spring	Summer	
UNIV101 (1)	UNIV101 (1)		V	The Drexel Experience
SE 101 (3)	SE 102 (3)	SE 103 (3)	A	Foundations of Software Engineering I, II, III
MATH 121 (4)	MATH 122 (4)	MATH 123 (4)	C	Calculus I, II, III
LAB SCIENCE (4-4.5)	LAB SCIENCE (4-4.5)	LAB SCIENCE (4-4.5)	A	Lab Science I, II, III
ENGL 101 (3)	ENGL 102 (3)	ENGL 103 (3)	T	Freshman Humanities I, II, III
		Liberal Studies Elect (3)	I	Liberal Studies Elective
			O	
			N	
15-15.5	**15-15.5**	**17-17.5**		**TOTAL CREDITS**

SOPHOMORE YEAR:

Fall	Winter	Spring	Summer	
SE 210 (3)	SE 211 (3)			Software Specifications and Design I, II
	CS 260 (3)			Data Structures
CS 270 (3)		C	C	Math Foundations of Computer Science
COM 230 (3)		O	O	Techniques of Speaking
Nat. Sci. Elective (3)	Nat. Sci. Elective (3)	O	O	Natural Science Electives
	INFO 210 (3)	P	P	Database Management Systems
	MATH 221 (3)			Discrete Math
CS 265 (3)				Advanced Programming Techniques
15.0	**15.0**			**TOTAL CREDITS**

PREJUNIOR YEAR:

Fall	Winter	Spring	Summer	
COM 310 (3) WI				Technical Writing
SE 310 (3)	SE 311 (3)			Software Architecture I, II
CS 281 (4)		C	C	Systems Architecture I
STAT 201 (4)	STAT 202 (4)	O	O	Business Statistics I, II
	CS 283 (3)	O	O	Systems Programming
	Nat. Sci. Elective (3)	P	P	Natural Science Electives
PSY 101 (3)				Psychology
	Free Elective (3)			Free Elective
17.0	**16.0**			**TOTAL CREDITS**

JUNIOR YEAR:

Fall	Winter	Spring	Summer	
SE 320 (3)				Software Verification and Validation
Computing Elective (3)	Computing Elect (3)	C	C	Computing Electives
INFO 420 (3) WI				Software Project Management
PHIL 105 (3)		O	O	Critical Reasoning
	PHIL 311 (3)			Computer Ethics
	SE 410 (3)	O	O	Software Evolution
Free Elective (3)	Free Elective (3)	P	P	Free Electives
	INFO 310 (3)			Human Computer Interaction II
15.0	**15.0**			**TOTAL CREDITS**

SENIOR YEAR:

Fall	Winter	Spring	
SE 491 (3)	SE 492 (3)	SE 493 (3)	Design Project I, II, III
Networking Elective (3-4)			Computer Networks (CS 472) **or** Network Technology I (INFO 330)
Computing Elective (3)	2 Computing Elect (6)	Computing Elective (3)	Computing Electives
		Liberal Studies Elect (3)	Liberal Studies Elective
Free Elective (3)		2 Free Elective (6-7)	Free Electives
	PSY 330 (3)		Cognitive Psychology
Business elective (4)	Business Elective (4)		Business Elective (Acct 115,Econ 201,ECON 202)
16.0-17.0	**16.0**	**15.0-16.0**	**TOTAL CREDITS**

Total Credits Required: 188.0

Software Engineering:	**36.0**
Computer Science:	**13.0**
Information Systems	**9.0**
Computing Electives:	**18.0**
Networking Elective	**3.0-4.0**
Mathematics/Statistics:	**26.0**
Natural Science:	**21.0**
Liberal Studies:	**33.0**
Business:	**8.0**
University Requirements:	**2.0**
Free Electives:	**18.0-19.0**
TOTAL	**188.0**

revised 11/10