

2009-10 MODEL SCHEDULE
Computer Science (B.S.)--5607

FALL 1st YEAR				credits	SPRING 1st YEAR				credits
COMP	1100	<i>Concepts of Computing</i>	*	3	COMP	1108	<i>Principles of Programming II</i>	*	3
COMP	1102	<i>Principles of Programming I</i>	*	3	MATH	3315	<i>Calculus II</i>	* Sp	4
MATH	1190	<i>Calculus I</i>	*	4	ENGL	1108	<i>Written English II</i>	*	3
ENGL	1104	<i>Written English I</i>	*	3	G.S.	HUM			3
G.S.	CIV			3	Minor or	Elective			3
TOTAL:				16	TOTAL:				16
FALL 2nd YEAR				credits	SPRING 2nd YEAR				credits
COMP	2200	<i>Object-Oriented Programming</i>	*	3	COMP	2201	<i>Machine Organization</i>	*	3
COMP	2270	<i>Data Structures</i>	*	3	COMP	2230	<i>Network Programming</i>	*	3
MATH	2216	<i>Introduction to Discrete Mathematics</i>	* Fa	3	MATH	2200	<i>Mathematical Logic</i>	* Sp	3
COMM	2200	<i>Intro. to Human Communication</i>		3	G.S.	CIV			3
CHEM	1101	<i>General Chemistry I</i>	*	4	G.S.	ARTS			3
		-OR-							
BIOL	1105	<i>Biological Principles I</i>	* Fa	4					
		-OR-							
G.S.	SCIE			4					
TOTAL:				16	TOTAL:				15
FALL 3rd YEAR				credits	SPRING 3rd YEAR				credits
COMP	3330	<i>Analysis of Algorithms</i>	*	3	COMP	3300	<i>Computer Graphics</i>	*	3
COMP	3340	<i>Operating Systems</i>	*	3			-OR-		
PHYS	1105	<i>Principles of Physics I</i>	*	5	COMP	3310	<i>Artificial Intelligence</i>	*	3
G.S.	ARTS			3	COMP	3395	<i>Ethical Issues in Computing</i>	*	3
Minor or	Elective			3	PHYS	1106	<i>Principles of Physics II</i>	*	5
					G.S.	HUM			3
					Minor or	Elective			3
TOTAL:				17	TOTAL:				17
FALL 4th YEAR				credits	SPRING 4th YEAR				credits
COMP	4400	<i>Automata and Language Design</i>	*	3	COMP	4440	<i>Software Engineering</i>	*	4
COMP	4410	<i>Database Management</i>	*	3	MATH	3335	<i>Probability and Statistics</i>	* Sp	3
G.S.	HUM			3	Minor or	Elective			9
Minor or	Elective			6					
TOTAL:				15	TOTAL:				16

TOTAL: 128

This model schedule is designed to be used in conjunction with the 2009-10 Fairmont State University/Pierpont Community & Technical College catalog.

- * Refer to course descriptions for prerequisite details
- Fa Offered Fall semester only
- Sp Offered Spring semester only

LEGEND:

^	See catalog or program requirements for further details
*	Offered fall semester only
**	Offered spring semester only
c	Classes to be taken concurrently
#	Must have senior standing to enroll
##	Must have junior or senior standing to enroll
m	Major restriction
+	See catalog for additional prerequisites
a	Advisor approval needed
PPST	PPST must be successfully completed to enroll
/	or
~	First semester second field option is foreign language
>	Even-numbered fall semesters only
<	Odd-numbered spring semesters only

L.S. Art.	Liberal Studies--Artistic/Creative/Interdisciplinary elective
L.S. Civ.	Liberal Studies--Culture/Civilization Exploration elective
L.S. Hum.	Liberal Studies--Society/Human Interaction elective
L.S. Science	Liberal Studies--Scientific Discovery elective
L.S. Math	Liberal Studies--College-level Math elective
L.S. FYE	First-Year Experience course