



Degree Requirements	Details
Total Credit Hours	124 credit hours
Grade Point Average (GPA)	2.0 GPA
Residency Rule	Complete the last 32 semester credit hours at Mississippi Valley State University
Academic Advisor	
Student Name	
Student ID#	

General Core Curriculum	Course Number	Credit Hours	Semester Offered
Freshman Composition	EN 101 EN 102	6	FA, SP, S1 FA, SP, S2
Humanities: History and English <i>Students must take (6hrs EN & 3hrs HI or 6hrs HI & 3hrs EN)</i>	EN 201	9	FA, SP, S1
	EN 202		FA, SP, S2
	HI 101 HI 202 HI 102 HI 215 HI 201	FA & SP	
	Fine Arts	AR 101 TH 201 MU 107	3
Orientation	FY 101	1	FA & SP
Natural Sciences		6/8	

General Core Curriculum	Course Number	Credit Hours	Semester Offered	
Social and Behavioral Sciences: Economics, Political Science, Psychology, Public Administration and Sociology	BA 211 PS 205 BA 212 PS 216 ED 102 SO 212 PA 101 SO 213 SO 211	6	FA SP FA & SP	
	PS 201		FA, SP, SI, S2	
	Speech	SP 201	3	FA, SP, SI, S2
	Health and Physical Education or ROTC	HL 101 PE 102 MS 101 MS 102	2/3	FA & SP FA SP
		College Algebra		MA 111

Subtotal 39/42

Semester 1	Course Number	Credit Hours	Semester Offered	Min Grade	Grade Earned	Also Allowed	Pre/Co-requisites
Freshman Composition	EN 101	3	FA, SP, S1	C			EN 100B or English Subtest Score of 17
Art Appreciation	AR 101	3	FA & SP	C		MU 107 TH 201	
World History to 1500	HI 101	3	FA & SP	C		HI 201	
Calculus I	MA 299	3	FA & SP	C			MA 111, MA 150, or Math Subtest Score of 22
Survey of Computer Science	CS 112	3	FA & SP	C			Must be a CS, MA or MA Education Major
Freshman Year Experience	FY 101	1	FA & SP	C			
Total Hours		16					

Semester 2	Course Number	Credit Hours	Semester Offered	Min Grade	Grade Earned	Also Allowed	Pre/Co-requisites
Freshman Composition	EN 102	3	FA, SP, S2	C			EN 101
Comprehensive Health	HL 101	3	FA & SP	C			
Social & Behavioral Sciences	ED 102	3	FA & SP	C		BA 211 BA 212 PA 101 PS 201 PS 205 PS 216 SO 211 SO 212 SO 213	
Concepts of Physical Education	PE 102	2	FA & SP	C			
Calculus II	MA 300	3	FA & SP	C			MA 299
Computer Programming I	CS 203	3	FA & SP	C			CS 112
Computer Seminar	CS 192	1	SP	C			Must be a CS Major
Total Hours		18					

Semester 3	Course Number	Credit Hours	Semester Offered	Min Grade	Grade Earned	Also Allowed	Pre/Co-requisites
Computer Programming II	CS 204	3	FA & SP	C			CS 203
General Physics I	PH 211	4	FA	C			MA 111 and MA 112
General Physics I Lab	PH 211L	0	FA	C			PH 211
Discrete Structures	CS 341	3	FA	C			MA 300
World Literature	EN 201	3	FA, SP, S1	C			EN 101 and EN 102
Calculus III	MA 301	3	FA & SP	C			MA 300
Total Hours		16					

Semester 4	Course Number	Credit Hours	Semester Offered	Min Grade	Grade Earned	Also Allowed	Pre/Co-requisites
Humanities	EN202	3	FA, SP, S2	C		HI102 HI 202 HI 215	
General Physics II	PH 212	4	SP	C			PH 211 and PH 212L
General Physics II Lab	PH 212L	0	SP	C			PH 212
Data Structures	CS 205	3	FA & SP	C			CS 204
Java	CS 221	3	SP	C		CS 231	CS 203
Probability & Statistics	MA 325	3	FA	C			MA 300
	Total Hours	16					

Semester 5	Course Number	Credit Hours	Semester Offered	Min Grade	Grade Earned	Also Allowed	Pre/Co-requisites
Database Management Systems	CS 351	3	FA	C			CS 204
Social & Behavioral Sciences	BA 211	3	FA	C		BA 212 ED 102 PA 101 PS 201 PS 205 PS 216 SO 211 SO 212 SO 213	
Computer Architecture	CS 321	3	FA	C			CS 204
Intro to Algorithms	CS 323	3	FA	C			CS 205
General Biology I (Zoology) or General Chemistry I	BI 111 or CH 111	3	FA FA	C			BI 111L CH 111L
General Biology I (Zoology) Lab or General Chemistry Lab	BI 111L CH 111L	1	FA FA	C			BI 111 CH 111
Social & Ethical Issues in CS	CS 398	1	FA*	C			Must be a SO or JR and a Computer Science Major
	Total Hours	17					

* Offered Every Other Fall Semester

Semester 6	Course Number	Credit Hours	Semester Offered	Min Grade	Grade Earned	Also Allowed	Pre/Co-requisites
Principles of Programming Languages	CS 350	3	SP	C			CS 205
Operating Systems	CS 371	3	SP	C			CS 205 and CS 321
Linear Algebra	MA 331	3	SP	C			MA 300
Ordinary & Partial Diff. Equations	MA 421	3	SP	C			MA 300
Software Engineering	CS 425	3	SP	C			CS 351
	Total Hours	15					

Semester 7	Course Number	Credit Hours	Semester Offered	Min Grade	Grade Earned	Also Allowed	Pre/Co-requisites
Math Elective	MA ***	3		C			Math electives must be 300 or above
Numerical Analysis	CS 431	3	FA	C			CS 205 and MA 301
Senior Project	CS 455	3	FA	C			Must be a Senior and a Computer Science Major
Fundamentals of Speech	SP 201	3	FA, SP, S1, S2	C			
Computer Seminar	CS 491	1	FA	C			Must be a Senior and a Computer Science Major
	Total Hours	13					

Semester 8	Course Number	Credit Hours	Semester Offered	Min Grade	Grade Earned	Also Allowed	Pre/Co-requisites
General Elective	GE ***	3		C			
Introduction to Networking	CS 422	3	SP	C			CS 371
Language & Compilers	CS 441	3	SP	C			CS 350
General Elective	GE ***	3		C			
Computer Seminar	CS 492	1	SP	C			Must be a Senior and a Computer Science Major
	Total Hours	13					