Name Class of	of	-	CF	PSC GPA (from Transcript)				
Required Math courses								
Sem Grade Course								
MATH 131 Calculus I								
Required Foundation courses								
Sem Grade Course  CPSC 115L Intro to Computing			Sem	Grade Course  CPSC 203 Math Found. of Co	mnuting			
CPSC 215L Data Structures and Algorithms				CPSC 275L Introduction to Co		vetome		
		14 .				•		
Required Theory courses - 1 needec Sem Grade Course	Sem	-	ms courses - 1 Course	Lineeded	Sem		are courses - Course	1 needed
Sem Grade Course  CPSC 219 Theory of Computation	36111	Graue	CPSC 315	Systems Software	Seiii	Graue	CPSC 304	Computer Graphics
CPSC 320 Analysis of Algorithms			CPSC 333	Computer Networks			CPSC 310	Software Design
Cr 3C 320 Analysis of Algorithms			CPSC 375	High-Performance Computing			CPSC 316	Found. of Programming Languages
			CPSC 385	Computer Security			CPSC 340	Principles of Software Engineering
			C1 3C 3C3	compater security			CPSC 352	Artificial Intelligence
							CPSC 372	Database Fundamentals
Constant Decision of	I Florid			( - 1 4 1 - CDCC 440)			CI 3C 372	Database i andamentais
Cognate Requirements  One non-computer science course which is designated	Sem		s - <b>2 needed</b> Course	(only 1 can be CPSC 110)	Sem	Grado	Course	
writing intensive.	36111	Graue	CPSC 110	Computers, Info., and Society	36111	Graue	Course	
Sem Grade Course			CPSC 110	Visual Computing			CPSC 395	Sensitive Inf. in a Connected World
State State	1		CPSC 110	Computing with Mobile Phones			CPSC 415	Special Topics in Computing
	~ <b> </b>		CPSC 219	Theory of Computation				openia representation participation of
			CPSC 225	Topics in Application Programming				
			CPSC 304	Computer Graphics	can on	lv do 1 (a	t most) of the	e following electives
One additional numeric or symbolic reasoning course from			CPSC 310	Software Design	<i>cu., o.,</i>	.y uo 1 (u		Digital Circuits and Systems
the following list: (if MATH, must be 107 or higher)			CPSC 315	Systems Software				Microprocessor Systems
Sem Grade Course			CPSC 316	Found. of Programming Languages				Linear Algebra
POLS 242 Political Science Research Methods			CPSC 320	Analysis of Algorithms			MATH 229	Applied Linear Algebra
PSYC 221L Research Design and Analysis			CPSC 333	Computer Networks				Intro. to Mathematical Modeling I
SOCL 201L Research Methods in the Soc. Sciences	.		CPSC 340	Principles of Software Engineering			MATH 254	Intro. to Mathematical Modeling I
MATH	´		CPSC 352	Artificial Intelligence			MATH 305	Probability
MATT	··		CPSC 372	Database Fundamentals			MATH 309	Numerical Analysis
	1		CPSC 375	High-Performance Computing			MATH 314	Combinatorics and Computing
	1		CPSC 360	Deep Learning				Graph Theory with Applications
			CPSC 385	Computer Security	-		WATTI 320	Graph meory with Applications
	<u> </u>			Computer Security				
Senior Exercise (Seminar + Project)	Sem	Grade	Course		Sem	Grade	Course	
			CPSC 403 CPSC 404				CPSC 498 CPSC 499	
	-	Studen		ter for all four seperately. They also red	eive sepe	erate grad		

## **B.A. IN COMPUTER SCIENCE**

Recommended Course Load

FALL SPRING

1st year	Freshman Seminar		CPSC 215L	Data Structures and Algorithms			
	CPSC 115L	Intro to Computing	CPSC 203	Math Found. of Computing			
	MATH 131	Calculus I					
			-				
2nd year	Theory Cour	se	Systems Course				
	Writing Cou	rse	Cognate Course				
	CPSC 275L	Intro. To Computer Systems					
3rd year	Software Course		Elective 1				
4th year	CPSC 403	Senior Seminar	CPSC 404	Senior Seminar			
	CPSC 498	Senior Project	CPSC 499	Senior Project			
	Elective 2		Elective 3				