

PSUT & Indiana University - Bloomington
2+2 dual-degree in Computer Science Program
Anticipated Plan of Study by Semester

To be taken at PSUT							
Year 1, First Semester			Credits	Year 1, Second Semester			Credits
	11102	Introduction to Computer Science	3		11103	Structured Programming	3
	20134	Discrete Mathematics 1	3		11151	Structured Programming Lab	1
	20141	Physics I	3		20135	Discrete Mathematics 2	3
	20132	Calculus I	3		22241	Digital Logic Design	3
		S&H Course			20133	Calculus 2	3
						S&H Course	3
Year 2, First Semester			Credits	Year 2, Second Semester			Credits
	11206	Object Oriented Programming	3		11212	Data Structures and Introduction to Algorithms	3
	11253	Object Oriented Programming Lab	1		11316	Theory of Computation	3
	20142	Physics 2	3		20233	Statistical Methods	3
	22342	Computer Organization and Assembly Language	3		20333	Numerical Analysis	3
	20234	Linear Algebra	3		31263	Technical Writing and Communication Skills	3
	31121	English Language	3				

To be taken at IU

Year 3, First Semester				Year 3, Second Semester			
	CS Elective	4		CSCI-B 403	Introduction to Algorithm Design and Analysis	3	
	Natural Science	3		CSCI-C 311	Programming Languages	4	
CSCI-B 461	Database Concepts	3			CS Elective	3	
	English Composition	3			A&H Course	3	
CSCI-Y 395	Career Development for Computer Science Majors	1			Natural Science	3	
Year 4, First Semester				Year 4, Second Semester			
CSCI-P 423	Compilers	4			Diversity in the US Course	3	
	CS Elective	3			IU Course	3	
	CS Elective	3			IU Course	3	
	IU Course	3			IU Course	3	
	Intensive Writing	3			A&H Course	3	

CS Electives include:						
CSCI-B 351	Introduction to Artificial Intelligence	3				
CSCI-P 434	Distributed Systems	4				
CSCI-P 436	Introduction to Operating Systems	4				
CSCI-P 438	Introduction to Computer Networks	4				
CSCI-B 443	Computer Architecture	3				
CSCI-P 465	Software Engineering for Information Systems	3				
CSCI-B 481	Interactive Graphics	4				